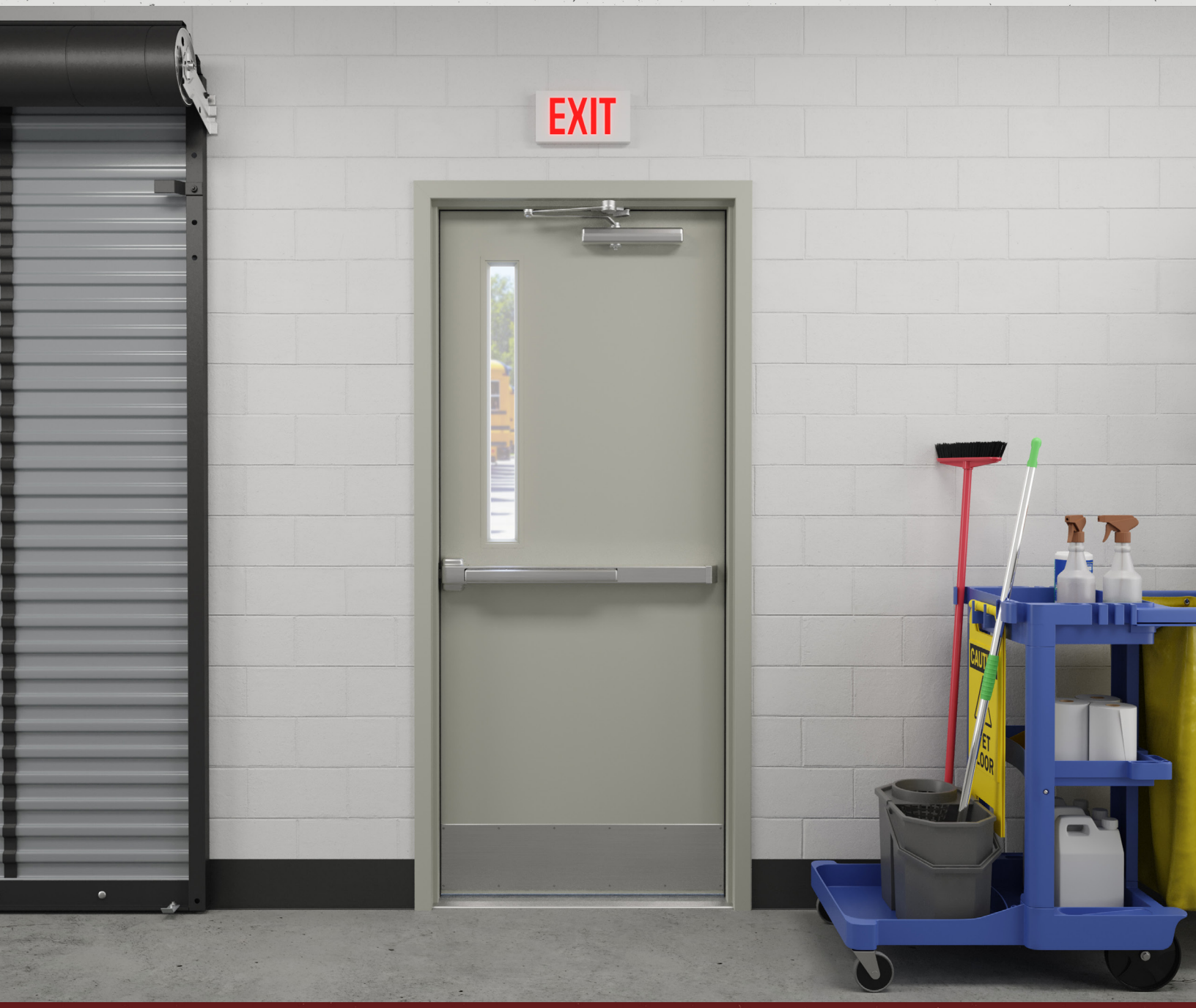
VON DUPRIN®



22 Series

Exit Device

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YouTube.com/VonDuprinSafety

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Allegion_Orders@Allegion.com
eFax: 800-999-0328

PUSHING FORWARD™

Over a century ago, Von Duprin invented the first self-releasing fire exit device. Today we continue to push the envelope by delivering innovative solutions to challenging applications. Our durable panic and exit door hardware products are proven to perform and are backed by a team of experts. We provide flexible solutions and modular options to protect your investment well into the future.

Quality

Von Duprin leads the industry with durable solutions that are proven in the field to perform under heavy use and abuse and backed by a team of experts experienced in door hardware application and code compliance.

Flexibility

Von Duprin empowers you to embrace change by providing flexible solutions that can be modified over time as new trim, functions or other options are required, protecting your investment well into the future.

Trust

Von Duprin designed the first self-releasing fire exit device more than a century ago and continues to advance fire and life safety, with innovation and best-in-class support to address your most challenging applications with code compliant solutions.

Built to Protect

Von Duprin® products symbolize a commitment to safety and security. It's evident in the meticulous engineering behind every exit device. After all, keeping our customers—and the people they strive to protect—safe is our priority. It's why Von Duprin goes the extra mile to provide durable and dependable products for every application.

The 22 Series is a cost-effective solution for medium to low traffic areas where proven reliability is needed. The non-handed design of the 22 Series makes it more adaptable in the field. And unique features set the series apart, including the AX option that is UL certified to meet ADA and California Building Code requirements for 5 lb. operating force.

Passion Driving Performance

With superior products comes exceptional customer care. Von Duprin customers are supported by industry—leading expertise. Allegion's representatives have decades of experience, so you're assured to receive knowledgeable advice on fire and life safety codes, installation resources and more. For those looking to take their skills to the next level, Allegion offers instructor-led workshops, videos and online courses. It's another way Von Duprin stands by our customers—today, tomorrow, and for years to come.

Nomenclature - How to Order

Prefix	Device Series/ Type		Trim/ Rating		Suffix Finish		Door Width	Handing	Less Bottom Rod	Trim Options/ Finish	Lever Style	Strike Options/ Finish	Accessories	Other Information
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
RX	22	- 27	L	- F	—	- 689	3'	RHR	LBR	XX	06	XX	ALK	HMD

See price book for specific configuration options.

1 Prefixes

None	Standard
AX	Accessible device
HW	Hurricane device - wind-only
LD	Less dogging
LX	Latch bolt monitoring
LX-LC	Latch bolt monitoring low current
LX-RX	Latch bolt monitoring request to exit
LX-RX-LC	Latch bolt monitoring request to exit low current
PL	Pullman latch
QEL	Quiet electric latch retraction
RX	Request to exit
RX2	Double request to exit
RX-LC	Request to exit low current
WP-RX	Waterproof request to exit

2 Device Series

22	Series 22

3 Device Type

None	Rim device
27	Surface mounted vertical rod device

4 Trim Functions

DT	Dummy trim
EO	Exit only
K	Knob (classroom)
K-BE	Knob - blank escutcheon[2]
L	Lever (classroom)[1]
L-BE	Lever - blank escutcheon[2]
NL	Night latch (key retracts latch bolt)
NL-OP	Night latch cylinder assembly, optional pull
TP	Thumbpiece
TP-BE	Thumbpiece - blank escutcheon

5 Rating

F	Fire exit hardware
Blank	Panic exit hardware

6 Suffix

CON	Connectors

7 Finish

526	Powder coated chrome
622	Powder coated matte black
689	Powder coated aluminum
695	Powder coated dark bronze

8 Door Width

		Door Thickness
3'	Std default	1-3/4" Std; up to 2-1/4"
4'		1-3/4" Std; up to 2-1/4"

9 Handing

LHR	Left hand reverse
RHR	Right hand reverse

10 Less Bottom Rod

LBR	Less bottom rod

11 Trim Options/Finish

See trim options/finish for each device type

12 Lever Style

06	Standard default (Optional levers available)
03	
17	

13 Strike Options/Finish

See trim options/finish for each device type

14 Accessories

ALK	Alarm kit
CYL	Cylinder
GBK	Glass bead kit
SEC	Security screws
SNB	Through bolts

15 Other information

Door Height

7 '	Door height - standard; advise if different
LCP	Less cover plate
10WDA	#10WDA cover plate

Door Material

ALD	Aluminum door
HMD	Hollow metal
WD	Wood door

Device Center line

See specifications; advise if different than standard

Door Application

DE	Double egress (surface vertical)
PR	Pair of doors (standard for surface vertical)
SGL	Single door (standard for rim)

Door Listing

3 hour
1-1/2 hour
1 hour
45 minute
20 minute

1. L-NL not available.
2. Passage

Note: Not all options are listed. See the specific device type pages for complete options available.

Device Types

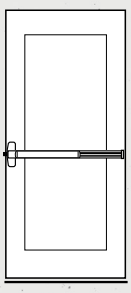
As the pioneer in the industry, Von Duprin continues to advance the industry through customer-centric innovation, which delivers solutions to the most challenging applications.

Backed by high quality standards, Von Duprin exit devices were among the first in the industry certified to ANSI/BHMA A156.3 (2014) Grade 1. Our exit devices are tested to the highest standards and proven in the field to perform under heavy use and abuse, giving you peace of mind both now and in the future.

The versatile design can be easily upgraded to connect to a larger electronic ecosystem, empowering you to adapt with flexible solutions. You can configure numerous variations in the field without replacing your device and protecting your investment. This makes upgrades easy and cost effective.

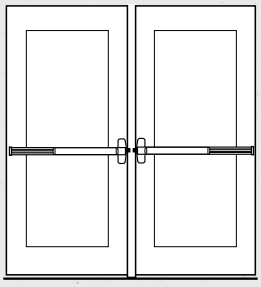
POPULAR APPLICATIONS

Single Door Applications

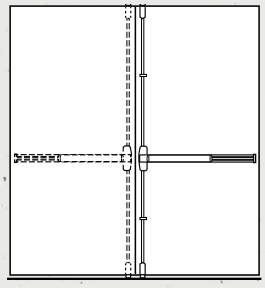


Single rim device

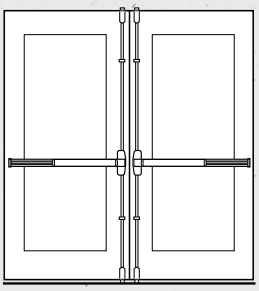
Double Door Applications



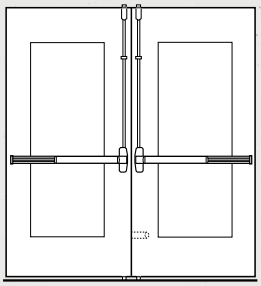
Two rim devices with mullion—same direction



Two vertical rods - double egress



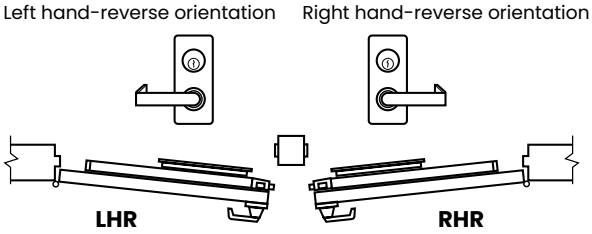
Two surface mounted vertical rod devices—same direction*



Two surface mounted vertical rod devices, less bottom rod (LBR). For LBR fire device, auxiliary fire pin is required.*

* Do not use with overlapping astragal

Double Handing



EXIT

22 Rim Exit Device

22 Rim exit device for all types of single and double doors with mullion, UL listed for panic exit hardware. Devices are Grade 1 rated to ANSI A156.3, 2014. Devices cover stock hollow metal doors with 161 door prep cutouts. Fits door stiles as narrow as 3-13/16" (97 mm). The device is non-handed.

*Not applicable with all strike and mullion combinations, consult factory.

Specifications	
Device functions	Ships ready for all functions, EO, DT, NL, TP, K, L
Device lengths	3' (914 mm) 4' (1219 mm) Note: See minimum door opening chart at bottom of page.
Device centerline from finished floor	39 13/16" (1011 mm) 39 11/16" (1008 mm) with mullion
Center case	4 5/32" (105 mm) x 3 3/16" (81 mm) x 2 3/8" (60 mm)
Mechanism case	2" (51 mm) x 2-3/8" (60 mm)
Projection	Push bar neutral - 3-11/16" (94 mm) push bar depressed - 2-7/8" (73 mm)
Latch bolt	Deadlocking, 3/4" (19 mm) throw
Finishes	526, 622, 689, 695
Fasteners and through bolts (SNB)	Includes screw pack for 1-3/4" (44 mm) and 2-1/4" (57 mm) wood and metal doors; optional SNB available for device (see page 27 for quantities)

Notes:

- Black end caps are standard for all finishes, with the exception of 526.
- Optional black metal end caps are available; order #900397 as a separate line item. Additional charges apply.
- All devices configured in 526 finish will be supplied with a metal endcap in finish as standard.
- Order 900397-622 for the 622, 689, and 695 devices, and 900397-526 for the 526 device (service).

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' Device*
1/2"	299	Yes	—	26.500" (673 mm)
1/2"	1439	Yes	—	25.687" (652 mm)
1/2"	299	—	4754 4854 4954	27.000" (686 mm)
1/2"	299	—	5654	25.812" (656 mm)
1/2"	1408	—	5754	25.750" (679 mm)
1/2"	1606	—	1654	26.562" (675 mm)
1/2"	299	Yes	—	26.750" (679 mm)
5/8"	1439	Yes	—	25.937" (659 mm)
5/8"	299	—	4754 4854 4954	27.125" (689 mm)
5/8"	299	—	5654	26.687" (678 mm)
5/8"	1408	—	5754	25.875" (657 mm)
5/8"	1606	—	1654	26.687" (678 mm)

*For 4' device, add 6" (152 mm)

Features & Options

Electrified Options	
ALK	Alarm exit kit
CON	Allegion Connect
LX	Latch bolt monitor switch
LX-LC	Latch bolt monitoring, low current
LX-RX	Latch bolt monitoring, request to exit
LX-RX-LC	Latch bolt monitoring, request to exit low current
QEL	Quiet electric latch retraction
RX	Request to exit
RX2	Double request to exit
WP-RX	Waterproof request to exit

Mechanical Options	
AX	Accessible device, LBR only
GBK	Glass bead kit
HW	Hurricane device — Wind-Only

Dogging Feature

Hex key dogging standard

Dogging Options	
LD	Less dogging
QEL option available	

Strikes

Top: 299 – Dull black

Accessories

299 Strike
Ships standard; optional strikes available

Hex key dogging
Comes standard on 22 rim exit devices

22-F Rim Exit Device

22-F Rim fire exit devices for all types of single doors up to 4' x 8' (1219 mm x 2438 mm) or 8' x 8' (2438 mm x 2438 mm) double doors with 9954 or 9854 mullion, UL listed for fire exit hardware. Devices are ANSI A156.3 – 2014 Grade 1. Fits door stiles as narrow as 4-3/8" (111 mm). The device is non-handed.

Specifications	
Device functions	Ships ready for all functions, EO, DT, NL, TP, K, L
Device lengths	3' (914 mm) 4' (1219 mm) Note: See minimum door opening chart at bottom of page.
Device centerline from finished floor	39 13/16" (1011 mm) 39 11/16" (1008 mm) with mullion
Center case	4 5/32" (105 mm) x 3 3/16" (81 mm) x 2 3/8" (60 mm)
Mechanism case	2" (51 mm) x 2 3/8" (60 mm)
Projection	Push bar neutral - 3 11/16" (94 mm) push bar depressed - 2 7/8" (73 mm)
Latch bolt	Deadlocking, 3/4" (19 mm) throw
Finishes	526, 622, 689, 695
Fasteners and through bolts (SNB)	Includes screw pack for 1 3/4" (44 mm) and 2 1/4" (57 mm) wood and metal doors; optional SNB available for device (see page 27 for quantities)

Notes:

- Black end caps are standard for all finishes, with the exception of 526.
- Optional black metal end caps are available; order #900397 as a separate line item. Additional charges apply.
- All devices configured in 526 finish will be supplied with a metal endcap in 526 finish as standard.
- Order 900397-622 for the 622, 689, and 695 devices, and 900397-526 for the 526 device (service).

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' Device*
1/2"	299F/499F	Yes	—	26.500" (673 mm)
1/2"	299F/499F	—	KR/9854/9954	27.000" (686 mm)
5/8"	299F/499F	Yes	—	26.750" (679 mm)
5/8"	299F/499F	—	KR/9854/9954	27.125" (689 mm)

*For 4' device, add 6" (152 mm)

Features & Options

Electrified Options	
ALK	Alarm exit kit
CON	Allegion Connect
LX	Latch bolt monitor switch
LX-LC	Latch bolt monitoring, low current
LX-RX	Latch bolt monitoring, request to exit
LX-RX-LC	Latch bolt monitoring, request to exit low current
QEL	Quiet electric latch retraction
RX	Request to exit
RX2	Double request to exit
WP-RX	Waterproof request to exit

Mechanical Options	
AX	Accessible device, LBR only
GBK	Glass bead kit
HW	Hurricane device — Wind-Only

Dogging Option
No mechanical dogging
QEL option available

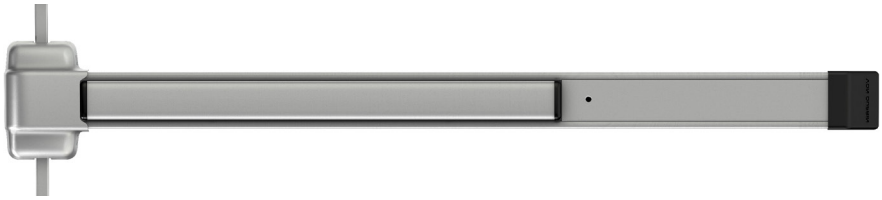
Strikes
299F – Dull black
499F w/mullions

Accessories

299F strike
Ships standard, optional strikes available

499F strike
With 9854/9954 mullion

2227 Surface Mounted Vertical Rod Device



2227 Surface mounted vertical rod exit device for all types of single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2014 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. Fits door stiles as narrow as 3-5/8" (92 mm). The device is non-handed.

Specifications	
Device functions	Ships ready for all functions, EO, DT, NL, TP, K, L
Device lengths	3' (914 mm) 4' (1219 mm) Note: See minimum door opening chart at bottom of page.
Door height	7' (2134 mm) standard door height Note: 3' extension rods available for door heights up to 10' (3048 mm).
Device centerline from finished floor	39-13/16" (1011 mm)
Center case	4-5/32" (105 mm) x 3-3/16" (81 mm) x 2-3/8" (60 mm)
Mechanism case	2" (51 mm) x 2-3/8" (60 mm)
Projection	Push bar neutral - 3-11/16" (94 mm) push bar depressed - 2-7/8" (73 mm)
Door undercut	1/4" (7 mm) from finished floor recommended 3/4" (19 mm) maximum or 1/8" (3 mm) from threshold
Latch bolt	Deadlocking antifriction top and bottom bolt, 5/8" (16 mm) throw
Finishes	526, 622, 689, 695
Fasteners and through bolts (SNB)	Includes screw pack for 1-3/4" (44 mm) and 2-1/4" (57 mm) wood and metal doors; optional SNB available for device (See page 27 for quantities.)

Notes:

- Black end caps are standard for all finishes, with the exception of 526.
- Optional black metal end caps are available; order #900397 as a separate line item. Additional charges apply.
- All devices configured in 526 finish will be supplied with a metal endcap in 526 finish as standard.
- Order 900397-622 for the 622, 689, and 695 devices, and 900397-526 for the 526 device (service).

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door	Minimum Door Opening for 3' Device*
1/2"	N/A	Yes	Vert. x Vert.	25.875" (657 mm)
5/8"	N/A	Yes	Vert. x Vert.	26.000" (664 mm)

* For 4' device, add 6" (152 mm).

Features & Options

Electrified Options	
ALK	Alarm exit kit
CON	Allegion Connect
LX	Latch bolt monitor switch
LX-LC	Latch bolt monitoring, low current
LX-RX	Latch bolt monitoring, request to exit
LX-RX-LC	Latch bolt monitoring, request to exit low current
QEL	Quiet electric latch retraction
RX	Request to exit
RX2	Double request to exit
WP-RX	Waterproof request to exit

Mechanical Options	
GBK	Glass bead kit
HW	Hurricane device — Wind-Only
PL	Pullman latch
LBR	Less bottom rod
AX	Accessible device, LBR only

Dogging Feature
Hex key dogging standard

Dogging Options	
LD	Less dogging
QEL option available	

Strikes
Top: 299 – Dull black
Bottom: 248L4 & 304L – Unfinished

Accessories

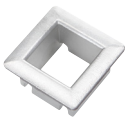
299 Top strike

248L4 Bottom strike
For use with flat threshold

Top latch

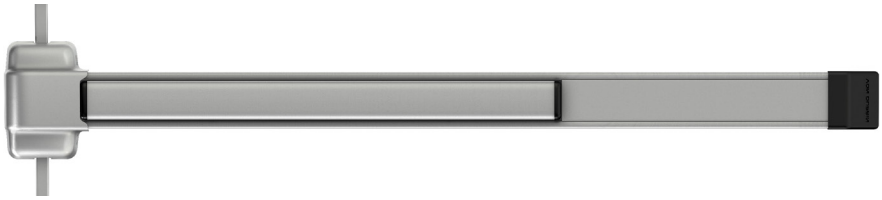
Bottom latch

Hex key dogging
Comes standard on 2227 devices



304L Bottom strike

2227-F Surface Mounted Vertical Rod Fire Exit Device



2227-F Surface mounted vertical rod fire exit device for pairs of doors up to 8' x 10' (2438 mm x 3048 mm), UL listed for Fire Exit Hardware. Devices are ANSI A156.3 – 2014 Grade 1. Fits door stiles as narrow as 3 5/8" (92 mm). The device is non-handed.

Specifications	
Device functions	Ships ready for all functions, EO, DT, NL, TP, K, L
Device lengths	3' (914 mm) 4' (1219 mm) Note: See minimum door opening chart at bottom of page.
Door height	7' (2134 mm) standard door height 12" (205 mm), door height 36" (914 mm), door height Note: Extension rods available for door heights up to 10' (3048 mm).
Device centerline from finished floor	39 13/16" (1011 mm)
Center case	4 5/32" (105 mm) x 3 3/16" (81 mm) x 2 3/8" (60 mm)
Mechanism case	2" (51 mm) x 2 3/8" (60 mm)
Projection	Push bar neutral - 3 11/16" (94 mm) push bar depressed - 2 7/8" (73 mm)
Door undercut	1/4" (7 mm) from finished floor recommended
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16 mm) throw
Finishes	526, 622, 689, 695
Fasteners and through bolts (SNB)	Includes screw pack for 1 3/4" (44 mm) and 2 1/4" (57 mm) wood and metal doors; optional SNB available for device (see page 27 for quantities)

Notes: :

- Black end caps are standard for all finishes, with the exception of 526.
- Optional black metal end caps are available; order #900397 as a separate line item. Additional charges apply.
- All devices configured in 526 finish will be supplied with a metal endcap in 526 finish as standard.
- Order 900397-622 for the 622, 689, and 695 devices, and 900397-526 for the 526 device (service).

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door	Minimum Door Opening for 3' Device*
1/2"	N/A	Yes	Vert. x Vert.	25.875" (657 mm)
5/8"	N/A	Yes	Vert. x Vert.	26.000" (664 mm)

* For 4' device, add 6" (152 mm).

Features & Options

Electrified options	
ALK	Alarm exit kit
CON	Allegion Connect
LX	Latch bolt monitor switch
LX-LC	Latch bolt monitoring, low current
LX-RX	Latch bolt monitoring, request to exit
LX-RX-LC	Latch bolt monitoring, request to exit low current
QEL	Quiet electric latch retraction
RX	Request to exit
RX2	Double request to exit
WP-RX	Waterproof request to exit

Mechanical options	
GBK	Glass bead kit
HW	Hurricane device — Wind-Only
LBR	Less bottom rod
AX	Accessible device, LBR only

Dogging feature
No mechanical dogging
QEL option available

Strikes
Top: 299F –(499F LBR) Dull black
Bottom: 304L – Unfinished

Accessories

299F
Top strike

304L
Bottom strike

Top latch

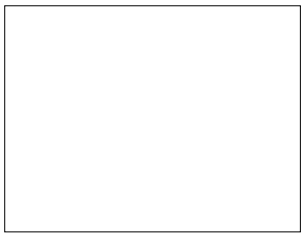
Bottom latch

Trim Functions

Von Duprin protects your investment by empowering you to adapt with flexible solutions and modular options. The 22 Series features numerous trim options to serve your different needs. Designed with flexibility in mind, our solutions offer ease of adding new options as they are developed.

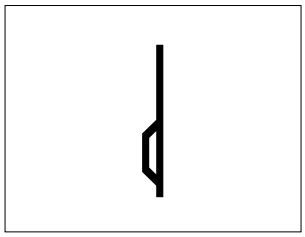
With Von Duprin, you can be confident that as the needs of your facility change, our products can be upgraded easily to meet your needs, especially as the mechanical and electronic technology converge. Von Duprin's versatile design enables you to add functionality to existing devices in a cost-effective way, protecting your investment well into the future.

A variety of device trim lock type functions such as key lock and unlock, latch bolt retraction with key and no cylinder designs for an "always operable" function are available in levers, knobs, thumbpiece and thumbturn designs.



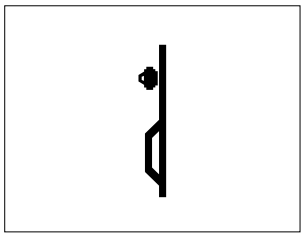
EO
No outside trim

- Exit only



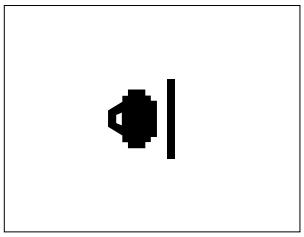
DT
Dummy trim

- Pull when dogged (not recommended for fire device)



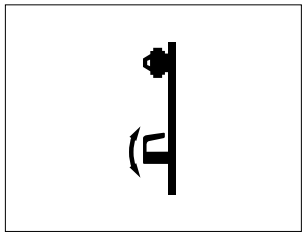
NL
Night latch

- Key retracts latchbolt
- Rim and 1-1/4" mortise cylinder



NLOP
Night latch

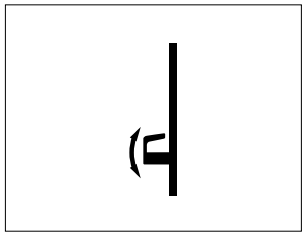
- Key retracts latchbolt, pull required



L
Lever

K
Knob

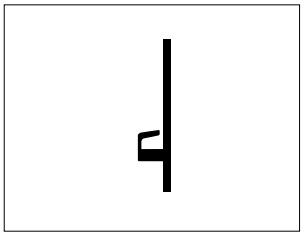
- Key locks and unlocks
- Rim and 1-1/4" mortise cylinder
- Handed, reversible lever
- Electrified lever operation available



LBE
Lever, blank escutcheon

KBE
Knob, blank escutcheon

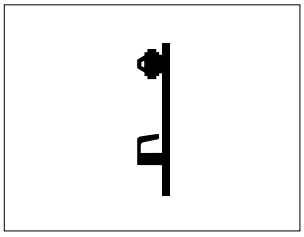
- Always operable (no cylinder)



LDT
Lever, dummy trim

KDT
Knob, dummy trim

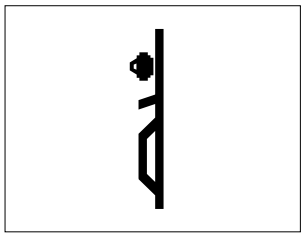
- Pull when dogged



LNL
Lever, night latch

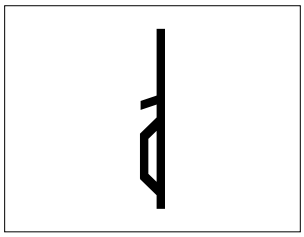
KNL
Knob, night latch

- Key retracts latchbolt
- Rim and 1-1/4" mortise cylinder
- Handed, reversible lever



TP
Thumbpiece

- Key locks and unlocks
- Rim and 1-1/4" mortise cylinder



TPBE
Thumbpiece, blank escutcheon

- Blank escutcheon always operable (no cylinder, use with DT trim)

No Trim

Trim Description		
Nomenclature	**EO**	**110MD-NL* 110WD-NL***
Trim function	No outside trim	Night latch optional pull
Function description	Exit only	Key retracts latch bolt, optional pull required
ANSI function	01	03
Device Compatibility		
22 Rim	•	•
22 Rim-F	•	•
2227	•	•
2227-F	•	•
Dimensions		
Escutcheon plate size	—	—
Pull center to center	—	—
Projection	—	—
Handing		
	—	—
Cylinder Type		
Rim or vertical device	—	Rim

* ANSI/BHMA A156.3 (2014) Grade 1 trim.

110NL Cylinder Kit

Cylinder kit is available MD for metal doors or WD for wood doors. Metal door application supplied standard if door material is not specified. When ordering with device, specify function NL-OP. Rim cylinder must be ordered separately.

210 Trim

Trim Description				
Nomenclature	**210DT***	**210NL***	**210K**	**210K-BE**
Trim function	Dummy trim	Night latch	Knob	Knob-blank escutcheon
Function description	Pull when dogged	Key retracts latch bolt	Key locks and unlocks	Always operable, no cylinder
ANSI function	02	03	08	14
Device Compatibility				
22 Rim	•	•	•	•
22 Rim-F	•	•	•	•
2227	•	•	•	•
2227-F	•	•	•	•
Dimensions				
Escutcheon plate size	5-3/8" x 4-25/32" x 3/32" (137 x 121 x 2 mm)	5-3/8" x 4-25/32" x 3/32" (137 x 121 x 2 mm)	3" x 4-25/32" x 3/32" (76 x 121 x 2 mm)	3" x 4-25/32" x 3/32" (76 x 121 x 2 mm)
Pull center to center	—	—	—	—
Projection	1-31/32" (42 mm)	1-31/32" (42 mm)	2-15/16" (75 mm)	2-15/16" (75 mm)
Handing				
	—	—	—	—
Cylinder Type				
Rim or vertical device	—	Rim	Furnished	1-1/4" Mortise

** ANSI/BHMA A156.3 (2014) Grade 1 trim*

210 Series Trim

The 210DT and 210NL have a heavy 10 gauge (2.4 mm) stainless steel escutcheon. Rim cylinder must be ordered separately for the 210NL trim. The 210K knob trim has a 10 gauge (2.4 mm) steel escutcheon and uses the Schlage “A” orbit knob with six pin “C” keyway.

230 Trim

Trim description							
Nomenclature	**230EO**	**230DT***	**230NL***	**230TP-BE***	**230TP***	**230L***	**230L-BE***
Trim function	Exit only plate	Dummy trim	Night latch	Thumbpiece-blank escutcheon	Thumbpiece	Lever	Lever-blank escutcheon
Function description	Exit only plate	Pull when dogged	Key retracts latch bolt	Always operable, no cylinder	Key locks and unlocks	Key locks and unlocks	Always operable, no cylinder
ANSI function	01	02	03	15	05	08	14
Device Compatibility							
22 Rim	•	•	•	•	•	•	•
22 Rim-F	•	•	•	•	•	•	•
2227	•	•	•	•	•	•	•
2227-F	•	•	•	•	•	•	•
Dimensions							
Escutcheon plate size	3" x 12-1/16" x 3/32" (76 x 306 x 2 mm)				3" x 12-1/16" x 3/32" (76 x 306 x 2 mm)	3" x 6-3/8" x 15/16" (76 x 162 x 24 mm)	3" x 6-3/8" x 15/16" (76 x 162 x 24 mm)
Pull center to center	—	5-1 (140 mm)	(140 mm)	5-1/2" (140 mm)	5-1/2" (140 mm)	—	—
Projection	—	2" (51 mm)	2" (51 mm)	2" (51 mm)	2" (51 mm)	2-5/8" (67 mm)	2-5/8" (67 mm)
Handing							
	—	—	—	—	—	—	—
Cylinder type							
Rim or vertical device	—	—	Rim	—	1-1/4" Mortise	1-1/4" Mortise	—

** ANSI/BHMA A156.3 (2014) Grade 1 trim*

230 Series Trim

The 230EO, 230DT, 230NL and 230TP have a heavy 10 gauge (2.4 mm) steel escutcheon. The 230L has a cast zinc 3/4" (19 mm) depth escutcheon. Number 06 lever style furnished standard, number 03 and number 17 optional style levers are available. 230L furnished RHR if handing is not specified. Cylinder must be ordered separately for the 230NL, 230TP and 230L trims.

Electronic Locks from Schlage

XE360™ Series

The XE360 Series is the next generation of wireless locks from Schlage. The sleek design offers customers a solution that looks as good as it performs—at an affordable price point.

Features and Benefits

- Next level design inside and out
- Credential support includes Schlage MIFARE®, Bluetooth® and NFC mobile[1]
- Available with LED indicator, interior push button, or deadbolt with thumbturn
- Advanced encryption keeps data and communications safe
- Wireless configuration using connected smartphones or tablets
- No-Tour or offline system capability
- Ready for the future with the innovative FleX Module™ that allows for communication type, memory and encryption upgrades
- Utilizes a heavy-duty Grade 1 mortise chassis for exceptional quality and reliability[2]
- Open architecture – interoperable and simple for software alliances to integrate
- Works seamlessly with other Schlage wireless locks, including Schlage Control[3]
- Uniquely concealed key override standard on all locks

Chassis

- Mortise
- Mortise deadbolt
- Tubular
- Exit trim

Locking Functions

Functionality

- With Indicator (I)
  - Storeroom
- With Button (B)
  - Office
  - Privacy
  - Apartment

Note: Door Position Sensor is recommended for privacy and apartment functions.

Certifications

- ANSI/BHMA A156.13-2020
- ANSI/BHMA A156.25-2023 Locked Outdoor Type
- ANSI/BHMA A156.5-2020
- UL 294
- ULC 60839
- UL 10C 3-hour
- CAN/ULC S104 3-hour
- FCC Part 15
- Industry Canada (IC)
- Industry Canada (IC)-RSS210
- ADA Compliant[3]
- RoHS
- REACH
- TAA

Compatibility

The XE360 exit trim is currently compatible with rim and surface vertical rod styles of the following exit devices:

Exit Device Compatibility[1]	
25R	Falcon 25 rim
25S	Falcon 25 surface vertical rod
99R	Von Duprin 98/99 or XP98/99 Rim
99S	Von Duprin 98/99 surface vertical rod
22R	Von Duprin 22 rim
22S	Von Duprin 22 surface vertical rod

1. Dependent on access control software provider support of specific mobile credentials.
2. XE360 Mortise and Exit Trim Grade 1; Tubular Grade 2
3. Check with your Proptech or PACS provider for specific support.

CO Series

In the world of standalone electronic locks, CO Series offers simple solutions for access control. These easy-to-use, versatile locks can be applied anywhere there is a need to control access without distributing keys. The popular CO-100 is a simple lock that momentarily unlocks with a valid PIN code entry. It can be used indoors or out and allows administrators a variety of command options. This series also includes the CO-200 lock. This computer programable lock can provide audit trails and features dual credential options (card+PIN) that provide an even greater level of security.

Electronic Locks from Schlage

AD Series

The AD Series was designed to be the right choice for today, and is ready to adapt to whatever the future holds.

There are a variety of options that allow you to select the AD Series electronic lock that's right for you, and a wide selection of features that can be configured in the field to further customize each opening. When your needs change in the future, the innovative modular design of the AD Series allows you to easily upgrade the credential reader or networking option, and adapt to emerging technologies using your existing chassis – all without taking the lock off the door. This means that you can be confident that your choice of the AD Series is right for today, and that your investment will be protected into the future.

Credential Reader Options

AD Series electronic locks are compatible with many different credential types.

- Multi-technology (reads 125 kHz prox, 13.56 MHz smart, NFC mobile)
- Smart - iClass compatible
  + KEYPAD
- Magnetic stripe (swipe)
  + KEYPAD
- Keypad

Communication Options

Networked

In facilities where increased monitoring and control are needed, a networked solution is essential. The AD Series networked options feature:

- Open architecture platform
- Reliable 900 MHz communication on wireless locks
- Real-time monitoring

The AD Series networked lock is available in either a wireless or hardwired configuration to fit your application needs.

- AD-300 Networked hardwired locks
- AD-302 Networked hardwired FIPS 201-2 APL listed locks
- AD-400 Networked wireless locks
- AD-402 Networked wireless FIPS 201-2 integration-ready locks

Standalone

Standalone locks are a cost-effective solution for doors that do not require real-time monitoring. The AD Series standalone solution provides:

- Option for future upgrade to networked wireless
- Improved credential management
- Audit trail reports

Schlage offers one AD Series standalone solution to fit your environment:

- AD-200 Access rights are stored on the lock

Chassis

- Cylindrical
- Mortise
- Mortise deadbolt
- Exit trim[1]

Locking Functions[2]

- Classroom/storeroom
- Office
- Privacy
- Apartment

Note: Lock function capability varies depending on Physical Access Control Software (PACS) OEM integration design.

Note: See AD Series exit trim compatibility data sheet for complete list of compatibility by manufacturer.

Certifications

- ANSI/BMHA A156.25
- ANSI/BHMA Grade 1
- UL 294 listed
- UL 10C
- ADA
- FCC part 15
- RoHS

Complete Your System

Complete your AD Series system with readers, credentials, system components, and other wireless accessories.

Electronic Locks from Schlage

Compatibility

The CO Series offers a wide range of applications and can be used alongside other Schlage electronic locks. They feature expanded cylinder, exit device, and credential compatibility.

Exit Device Compatibility[1]

	Rim	SVR2	CVR/CVC	Mortise
Von Duprin 22/22F	AD/CO	AD/CO	AD	AD

CO-220 is not compatible with surface vertical rod (SVR) devices.

Notes:

- See AD Series and CO Series exit trim compatibility data sheets for complete list of compatibility by manufacturer.
- Exit device must be ordered as Exit Only (EO).

Class

CO-100

- Manually programmable
- Keypad only
- User rights stored on the lock
- Remote release, outdoor use and occupancy indication options

CO-200

- Computer or manually programmable
- Keypad, magnetic stripe (+PIN), proximity (+PIN)
- User rights stored on the lock
- Ability to provide schedules and audits

Chassis

- Cylindrical
- Mortise
- Mortise deadbolt
- Exit trim

Functions

- Classroom/storeroom
- Office
- Privacy

Power

- 4 standard (AA) batteries

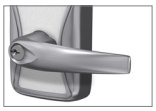
Reliability

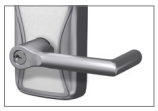
When it comes to securing your facility, you can't afford to take chances. CO Series locks are tested to the highest quality and reliability standards in the industry, including:

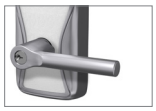
- ANSI/BHMA A156.25 and ANSI/BHMA Grade 1
- UL 294
- UL 10C
- ADA

Lever Styles & Finishes For Schlage AD & CO Series

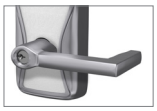
Lever Options

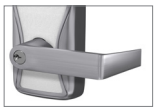

Athens


Boardwalk


Broadway

Latitude


Longitude


Rhodes

Sparta

Tubular

Finishes

605 Bright Brass

606 Satin Brass

609 Antique Bronze

612 Satin Bronze

619 Satin Nickel

625 Bright Chrome

626/626AM Satin Chrome

643e Aged Bronze

Dogging Options

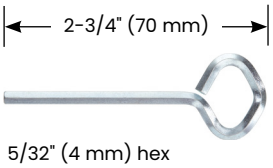
Less Dogging (LD)

Less dogging is available on all 22 Series panic exit devices to remove the dogging option.

To order, specify: Use prefix LD, example LD22EO.

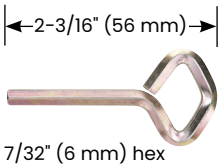
Dog Keys

227 Dog key (standard)



5/32" (4 mm) hex

222 Dog key (old style)



7/32" (6 mm) hex

Accessibility Options

Accessible Device (AX)

The AX device is a UL certified exit device designed to meet the progressive requirements of the California Building Code for accessible openings. This device meets the 5 lbs of operating force requirement called for in chapter 11B-309.4. The AX device also exceeds ANSI/BHMA requirements. Available devices include: AX22, AX22-F, AX2227LBR, AX2227-F LBR. Additionally, all AX devices will be shipped with a UL label clearly stating “Meets California building Code (2013) Sec. 11B-309.4” and an “AX” identifier label on device center case. See image for reference.

Latches

Less Bottom Rod (LBR)

LBR option is available for panic and fire rated devices. For each pair of LBR fire rated devices, a spring loaded auxiliary fire bolt is furnished and must be installed in the lower door edge. When exposed to heat the auxiliary fire bolt releases, keeping the doors in alignment and closed during a fire.

LBR fire rated devices must be ordered in pairs or must be used in conjunction with an approved automatic or constant latching flush bolt. See UL fire chart for listing details.

Pullman Latch (PL)

When PL is specified the standard latches are replaced at additional cost with pullman style latches. Pullman latches are most commonly used in conjunction with electric strikes and LBR applications. Not available with fire rated devices.

Not recommended where security is of the utmost importance since latches do not deadlock.

Hurricane Rated Devices

Hurricane resistant openings are designed to withstand storm conditions for long periods of time while maintaining functionality.

Wind-Only (HW) hurricane devices are ideal for applications with lower hurricane requirements such as inland regions with only high wind pressure posing a threat. Wind-Only hurricane devices are tested for structural integrity in accordance with ASTM E330 for Wind-Only applications.

Wind and Impact (HH) rated hurricane device requirements are more stringent than Wind-Only applications. Wind and Impact devices are subject to tests for both wind speed and flying debris in accordance with Florida Building Code (HVHZ), TAS 201, 202, 203 and ASTM E1886, E1996, E330 protocols. If the hurricane application is unknown, specify HH (Wind and Impact) product, which also satisfies Wind-Only applications. Not all device series are available with HH option.

Hurricane rated exit devices must be paired with Allegion approved doors and hurricane rated mullions, if applicable. Specify mullions with HW or HH prefix.

Other Resources

Von Duprin hurricane reference sheet

Allegion windstorm solutions brochure

Von Duprin 22 Series devices are only available with Wind-Only (HW) option

Many hurricane rated devices use standard device components. Devices will be furnished with the proper strikes and components if HW is specified. Pricing will be adjusted accordingly.

To order, specify:

- Prefix HW for Wind-Only.
- Model number and description.
- Door mode: SGL (single) or PR (pair).

Example: HW22NL-F 3' 628 PR

22 Series Hurricane Device/Strike Application Chart

Application	Model	Single Door	Double Door	
		Standard Strike	Mullion	Standard Strike
HW (Wind-Only)	22	299	4954 or KR4954	299
			1654 or KR1654	1606
			5654	299
			5754	1408
	22-F	299F	9954 or KR9954	499F
	2227	Top: 299 Bottom: 304L	–	Top: 299 Bottom 304L
	2227-F	–	–	Top: 299F Bottom 304L

Note: Hurricane rated exit devices for use when paired with Allegion approved doors.

Latch Retraction

Quiet Electric Latch Retraction (QEL)

Quiet electric latch retraction provides electronic control of an exit device for environments where limited operational noise is desired. These devices always provide mechanical egress. Often the QEL is used with a credential reader and access control system to unlock the door momentarily for authorized users.

The QEL can also be configured to electronically retract the latch for an extended period of time to allow free entry. This is a convenient alternative to mechanical dogging. If manual dogging is required, the hex dogging option is available, to order specify HD-QEL.

In some applications, an audible indication of push pad retraction is desired. The QEL-B (B-buzzer) option is a feature that can be added to QEL devices that will send an audible notification of initial latch bolt retraction.

The QEL option is available on panic devices and fire rated devices. UL approved for Class II circuit applications. Because fire exit hardware must be self latching, an automatic fire alarm system must be incorporated to drop power to fire rated QEL devices in case of fire.

Accessories

The QEL has a low inrush current = 1.0 amp, so it can be used with standard Schlage power supplies. When powering multiple components, verify that the amperage requirement of all components combined does not exceed the power supply output rating. See table below for output ratings.

Schlage PS902	Schlage PS904	Schlage PS906
Up to 2 amps	Up to 4 amps	Up to 6 amps

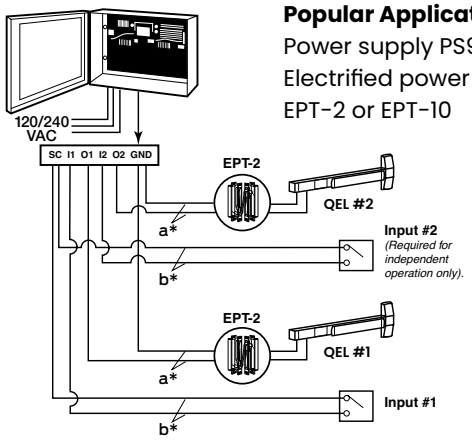
The QEL device is compatible with the following equipment: PS900 Series power supplies - PS902, 904, 906, 914; 900 Series Option Boards - 900-2RS, 900-4R and 900-4RL. The power transfer (EPT, electrified hinge, or door loop) is also sold separately. Please refer to product catalogs for more information on EPT-2/EPT-10 power transfers, electrified hinges, and PS900 series power supplies.

To order, specify:

- Standard — use prefix QEL, example QEL22L.

Note: Baseplate and modular QEL Conversion kits are available for field retrofit. Please see parts/service manual for part numbers.

QEL Electrical Load	
Voltage	24VDC
Current	1.0 A Inrush (0.5 sec.) / 0.14 A Holding



Popular Application
Power supply PS902-2RS
Electrified power transfer
EPT-2 or EPT-10

a*	Distance (One-Way)	Wire Gauge
	200'	18 AWG
	320'	16 AWG
	500'	14 AWG
	800'	12 AWG

b*	Wire Selection	Switch Wire Size
	1200 ft. max.	18 gauge standard

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Device Minimum (in)
1/2"	299	Yes	—	30.761"
1/2"	1439	Yes	—	29.948"
1/2"	299	—	4754 4854 4954	31.261"
1/2"	299	—	5654	30.073"
1/2"	1408	—	5754	30.011"
1/2"	1606	—	1654	30.823"
1/2"	299	Yes	—	31.011"
5/8"	1439	Yes	—	30.198"
5/8"	299	—	4754 4854 4954	31.386"
5/8"	299	—	5654	30.948"
5/8"	1408	—	5754	30.136"
5/8"	1606	—	1654	30.948"

Switches

Request to Exit (RX)

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the push pad. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply. The RX switch option should not be used to control a load, but as a signalling switch (2 amps resistive maximum). The RX switch is available in a low current (LC) 50ma max. Most commonly used to signal low-current access control inputs.

To order, specify:

- Standard – use prefix RX, example RX22EO
- Low Current – use prefix RX-LC, example RX-LC22EO

Double Request to Exit (RX2)

The RX2 feature uses two RX switches.

To order, specify:

- Standard – Use prefix RX2, example RX2 22EO

Waterproof Request to Exit (WP-RX)

Switch rated to IP67 – protected from contact with harmful dust and from immersion in water with a depth of up to 1 meter (3.3 feet) for up to 30 minutes.

Note: All in-field electrical connections should be in compliance with IP67 to ensure trouble free operation.

Latch Bolt Monitoring (LX)

The LX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latch bolt.

The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

The LX switch option should not be used to control a load, but as a signalling switch (2 amps resistive maximum).

The LX switch is available in a low current (LC) switch. Most commonly used in computer operated monitoring systems.

To order, specify:

- Standard – Use prefix LX, example LX22EO
- Low Current – Use prefix LX-LC, example LX-LC22EO

Electrical Rating for All Switches

- Standard – 2 amp maximum @ 24VDC
- Low Current (LC) – below 50 Milliamps @ 24VDC

Note: All switches can be either factory or field installed.

Alarm Kit

Alarm kit (ALK) is a simple yet effective way to deter unauthorized use of an opening. While the exit device is still a means of egress, the ALK kit contains an internal horn. When the touch bar is depressed, the horn sounds to provide an audible means of signaling that the opening has been violated. The alarm kit can be armed or disarmed by key thus allowing the exit device to be set in an armed or disarmed mode. The horn is rated at 85 decibels.

For Hardware Applications

The assembly includes both a 24VDC Input and External Inhibit standard. The External Inhibit provides remote arming and dis-arming.

The key switch uses a standard 1 1/4" (32 mm) mortise cylinder with a straight cam (Schlage 20-001, L583-477 cam). The unit operates on one standard 9-volt alkaline battery, or can be hardwired to PS902 power supply. When the battery is weak, the horn will emit an intermittent low battery alert signal.

Auto reset (AR) option is standard with this kit. This allows the device to resume the alarm option after a preset time. Preset times can be field selected at 1.5, 3, or 4.5 minutes.

Alarm kits are available with a choice of two switch kits, RX or LX. RX monitors the touchpad and is furnished standard. LX optional latch bolt monitoring is recommended for use with surface vertical rod exit devices or when alarm needs to sound from both the exit device and trim side of the door.
Specify ALK-LX.

The ALK includes a 6"x 20" decal for application on door "EMERGENCY EXIT ONLY. ALARM WILL SOUND."

To order, specify:

Standard, 22 ALK

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening w/ ALK
1/2"	299	Yes	—	33.250" (845 mm)
1/2"	1439	Yes	—	32.437" (824 mm)
1/2"	299	—	4754 4854 4954	33.750" (857 mm)
1/2"	299	—	5654	32.562" (827 mm)
1/2"	1408	—	5754	32.500" (826 mm)
1/2"	1606	—	1654	33.312" (846 mm)
1/2"	299	Yes	—	33.500" (851 mm)
5/8"	1439	Yes	—	32.687" (830 mm)
5/8"	299	—	4754 4854 4954	33.875" (860 mm)
5/8"	299	—	5654	33.437" (849 mm)
5/8"	1408	—	5754	32.625" (829 mm)
5/8"	1606	—	1654	33.437" (849 mm)

Power Supplies

PS900 Series Power Supplies

The PS900 Series is a consolidated line of power supplies and accessories that offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 Series can be used in a variety of applications to convert high voltage AC power into the regulated low voltage DC outputs required by most access control devices. The PS900 Series protects devices downstream by providing Class 2[1], filtered and regulated power. The full line is UL294 certified.

Features

- Constant output rating at both 12VDC or 24VDC provides superior performance; includes field selectable jumper
- Flat mounting of option boards provides easier access to terminal blocks for connection of electrified devices
- High voltage protective cover
- Battery back-up board auto-selects voltage
- Fire alarm relay can be configured to provide either switched or un-switched outputs from a power supply
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Fused primary input
- AC status monitor- isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover with lock down screws
- Optional keylock

Certifications

- UL 294 certified—the standard for access control
- Class 2 rated[2]

The PS900 Series offers a variety of distribution options, including basic fuse protection, simple relay, and advanced logic providing complex sequencing and timing functions.

Connectors on the Power Supply

Product	Schlage PS902	Schlage PS904	Schlage PS906	Von Duprin PS914
Amperage	2 amps	4 amps	6 amps	4 amps with 16 amp in rush
Distribution Boards	1	2	3	2
Battery Back-up Board	1	1	1	1
EL Compatible	No	No	No	Yes

Applications

The PS900 Series of power supplies works with many electrified devices including Schlage electromagnetic locks, Schlage AD Series hardwired locks, Schlage electrified mechanical locks, Von Duprin electrified strikes, Von Duprin exit devices and many other brands.

Accessories

The PS900 Series features seven option boards for use in a variety of applications. All PS900 Series power supplies option boards are UL 294 certified.

Option Boards

- **900-4R:** 4 relay controlled output board to power multiple devices
- **900-4RL:** 4 relay distribution board with logic is field configurable for time delay function, auto operator, security interlock
- **900-8F:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-8P:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-FA:** Emergency interface relay integrates with fire alarm and is used to cut power in case of emergency[2]
- **900-BB:** Battery backup
- **900-2RS:** 2 relay control board for electric latch panic devices (EL or QEL), electric strikes or electrified trim
- **900-BBK:** Battery backup kit includes two 7A/hr batteries and provides up to four hours of backup power when cycled every 5 minutes at full load

1. PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.
2. Except PS906, output rating exceeds Class 2 power limits.
3. PS906, output rating exceeds Class 2 power limits, but can provide Class 2 rated outputs when used with 900-8P distribution board.

Electrical Power Transfers

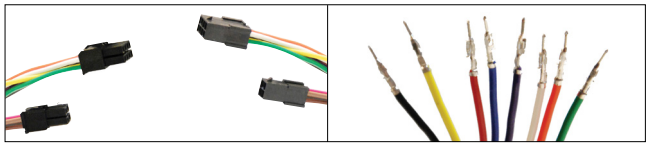
Electrical power transfer (EPT) Electric power transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideal for installations involving abuse or heavy traffic.

Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires. The EPT-2 and EPT-10 are UL listed as "miscellaneous door accessory". UL Listed for use on fire doors.

Finishes

- 622 - Powder coated matte black
- 689 - Powder coated aluminum
- 695 - Powder coated dark bronze

Allegion Connect



Allegion Connect features common interconnect components for many cross-category electrified options. Allegion Connect is a quick and easy way to connect power sources. There is no wire cutting; reducing installation and maintenance time ultimately cutting cost. After installation, Allegion Connect continues to provide benefits throughout the lifetime of the opening by offering a service kit for repairs or modifications in the future.

Features & Benefits

- Quick: common connections reducing installation time
- Perfect connections: these factory installed connectors ensure the right wires match up every time
- Protective: the connectors protect the connection points throughout the installation process and lifetime of the opening
- Interchangeable: all Allegion Connect products utilize the same connectors
- Maintenance: you no longer need to cut away wire to disconnect Allegion products, also available is a service kit specifically for Allegion Connect products.

Door Applications		
Degree of Opening	**Hinge Type**	**Door Thickness**
0-180	Up to 5" butt hinges	1-3/4"
0-180	Up to 3/4" offset pivots	1-3/4"
0-130	5-1/2" butt hinges	1-3/4"
0-110	6" butt hinges	1-3/4"
0-90	Swing clear hinges	1-3/4"

Dimensions	
Housing	9" x 1 1/4" x 1-5/8" (229 mm x 32 mm x 38 mm)
EPT-2	Two 18 gauge wires, Up to 2 amps @ 24VDC, with a 16 amps maximum surge
EPT-10	Ten 24 gauge wires, Up to 1 amps @ 24VDC, with a 16 amps maximum surge

To order, specify:

EPT-2 ,EPT-10
Finish: 622, 689 or 695

Harness Length	Connectors on Both Ends	Connectors on One End, Crimped Pins on the Other End
6 Inches	CON-6	CON-6P
12 Inches	CON-12	CON-12P
26 Inches	CON-26	CON-26P
32 Inches	CON-32	CON-32P
38 Inches	CON-38	CON-38P
44 Inches	CON-44	CON-44P
50 Inches	CON-50	CON-50P
192 Inches	CON-192	CON-192P
Power supply wire harness = connectors on one end, stripped leads on the other end.		
6 Inches	CON-6W - wire extension to field wiring	

Consult door manufacturer for harness length requirements.

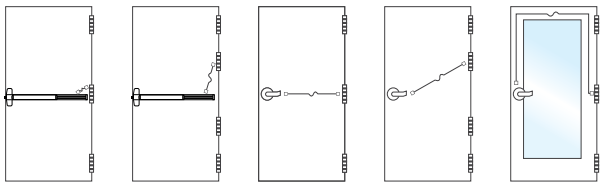
Note: You will need to purchase a separate wiring harness to go from exit device to hinge/EPT and an additional harness to go from hinge/EPT to field wiring. Harness part numbers with ordering information can be located in the Schlage, Von Duprin and Falcon price books. A service kit is available for order in the Schlage, Von Duprin and Falcon price books. Included in this kit are male end plugs, female end plugs and pins to customize harnesses to your application.

Note: Must be ordered with exit devices and locks.

To order, specify:

Specify CON for Connect electronic options
Example: RX-22-EO-CON
(22 Series with RX switch and Connect connectors)
Specify harness length; Consult door manufacturer for harness length
Specify Von Duprin EPT10-CON or Ives electrical thru-wire CON hinge or pivot

Wire Run Options

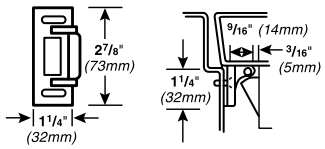


Accessories

Strikes

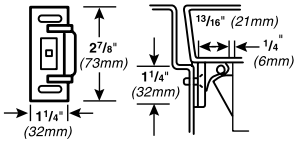
Strikes for Rim Devices

264



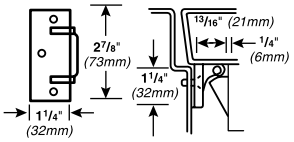
Projection 9/16" (14 mm)

299



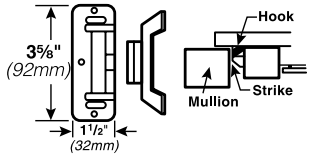
Projection 13/16" (21 mm)

299F



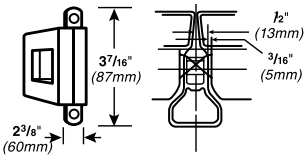
Projection 13/16" (21 mm)

499F



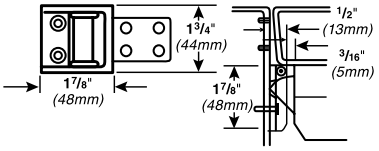
Projection 15/16" (24 mm)

1408



- Used with 5754 mullion
- One per pair of doors

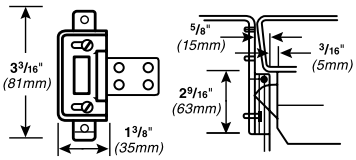
1439–Blade stop



Projection 1/2" (13 mm)

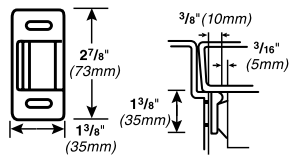
Note: Replaces 1409 strike

1410–Integral Stop



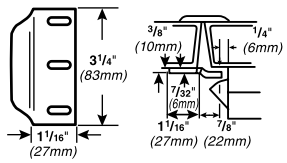
Projection 1/2" (13 mm)

1606



Projection 3/8" (10 mm)

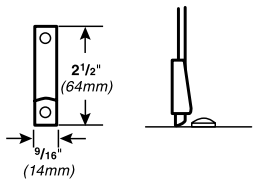
1609



- Requires coordinator
- For panic exit application only, not fire rated

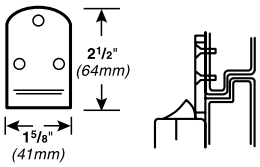
Strikes for Vertical Rod Devices

248L-4



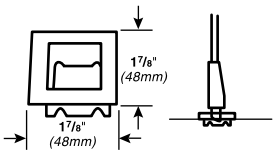
Projection 3/8" (10 mm)

260U-Flush Transom Only



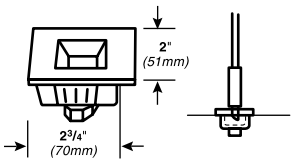
Projection 3/8" (10 mm)

304L



Projection 13/16" (21 mm)

385A



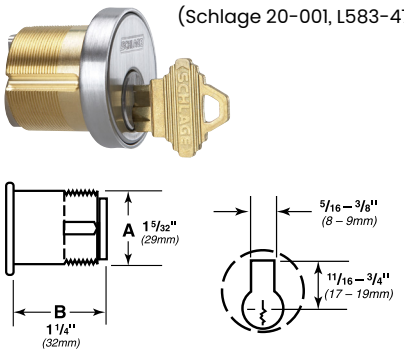
Projection 13/16" (21 mm)

Note: Strikes 264, 299, 299F and 499F also available for vertical rod devices.

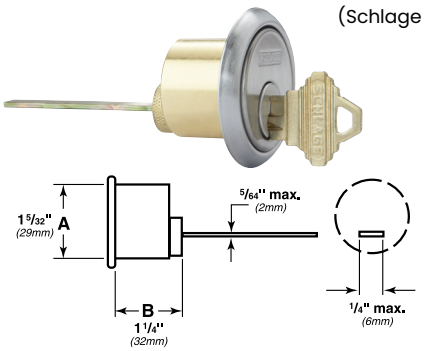
Cylinders

Cylinders are not furnished with device or trim and must be specified when ordering. Refer to trim pages for cylinder type.

Mortise — 3215
(Schlage 20-001, L583-477 cam)

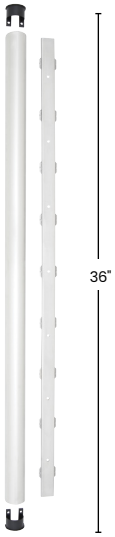


Rim — 3216
(Schlage 20-022)



Door Kits

Vertical Rod & Latch Guard (RG-27)



Rod Guard

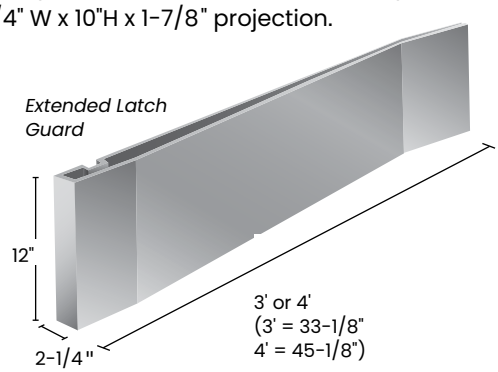
Series RG-27 Vertical rod and latch guards protect the bottom rods of exit devices from the damaging impacts of carts or gurneys passing through doors. (If bottom rods become damaged, the exit device will not function as intended and can jeopardize the ability to exit safely during an emergency.)

In addition to protecting the vertical rod, the guard provides a smooth, unobstructed surface so the door can be pushed open easily with the bumpers of a wheelchair. The latch guard portion is 10" high. The standard latch guard features a 45° ramp. The extended latch guard offers a continuous ramp for 3' or 4' doors.

All stainless steel construction in 630 finish. Latch guards can cover latches as large as 1-1/4" W x 10"H x 1-7/8" projection.

Latch Guard

Extended Latch Guard



Models

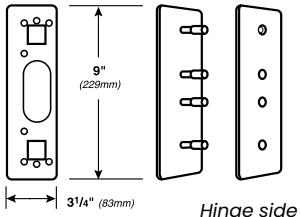
RGO	Rod guard only (projection 1-3/16")
RG-27	Rod and latch guard
RG-27-3	3' (914 mm) Rod guard and extended latch guard
RG-27-4	4' (1219 mm) Rod guard and extended latch guard
LGO	Latch guard only
LGO-3	3' (914 mm) Extended latch guard only
LGO-4	4' (1219 mm) Extended latch guard only

When using on wood fire doors, high density block is required.

To order, specify:

- Model number*
- Handing (except on RGO)
- Door material if other than hollow metal
- Optional through bolt mounting available

229 Cover Plate Kit



Cover plate kit contains inside and outside plates for hinge stile cutouts, an inside plate for the lock stile, and necessary screws. Plates are designed to cover cutouts required by most existing exit device installations.

Glass Bead Kit (GBK)

Glass bead conversion kits are available for all 22 Series devices for use on doors with raised glass beads. Each kit consists of 1/4" (6 mm) shim sets. GBK for surface vertical rod ships with 1/8" shims for rod guides.

- 2 stacked kits maximum for panic hardware
- 1 kit maximum for fire hardware
- Shim thickness + door thickness not to exceed 2-1/4"

To order, specify:

- Device model
- GBK
- Device type (rim or surface rod)
- To order separately, specify model 22GBK-R (rim), 22GBK-499F (rim), 22GBK-SV (vertical rod)
- Finish

Example: 22 GBK Rim 689

* RGO/RG-27 includes one rod guard only, which accommodates bottom or top rod up to 7' door. For longer top rods, specify rod guard quantity required.

Through Bolts

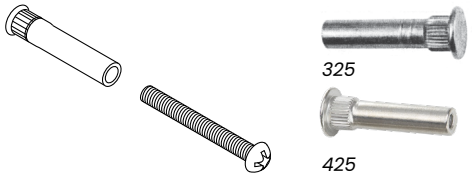
Through bolts provide secure mounting by mating with machine screws furnished with devices. Through bolts are either optional or required, as shown in the quantity chart below. Through bolts ordered separately are not furnished with screws. If screws are required, order device mounting packages.

To order, specify:

If ordering devices with through bolts, specify SNB (through nuts and bolts) in device description.
If ordering through bolts separately, specify:

- Through bolt model number
- Package quantity (sold as package of 2)
- Finish

An alternative to through bolt mounting is the use of UL or WH approved high density blocking material for wood fire rated doors. Specify device with SLM (special laminate material) mounting package.



Device Type	Door Type	Door Mode	Function	Through Bolts				
				425		325 for 499 hook		325 for Latches
				Required Added to device price	**Optional** Added to device price	**Required** Added to device price	**Optional** Added to device price	**Required** Added to device price
22 Rim	All		EO, NL-OP		6			
	All		DT, K, L, NL, TP		2			
22 Rim-F	Metal	SGL	EO, NL-OP		6			
	Metal	SGL	DT, K, L, NL, TP		2			
	Metal	PR	EO, NL-OP		6		2	
	Metal	PR	DT, K, L, NL, TP		2		2	
	Wood	SGL	EO, NL-OP	6				
	Wood	SGL	DT, K, L, NL, TP	2				
	Wood	PR	EO, NL-OP	6		2		
	Wood	PR	DT, K, L, NL, TP	2		2		
2227	All		EO, NL-OP		6			4
	All		DT, K, L, NL, TP		2			4
2227 LBR	All		EO, NL-OP		6			2
	All		DT, K, L, NL, TP		2			2
2227-F	Metal		EO, NL-OP		6			4
	Metal		DT, K, L, NL, TP		2			4
	Wood		EO, NL-OP	6				4
	Wood		DT, K, L, NL, TP	2				4
2227-F LBR	Metal		EO, NL-OP		6		2	2
	Metal		DT, K, L, NL, TP		2		2	2
	Wood		EO, NL-OP	6		2		2
	Wood		DT, K, L, NL, TP	2		2		2

Mullions

Removable steel mullions provide single door performance in double door openings with rim devices. Mullions are easily removed by loosening bottom set screw and removing top fitting cover. The top mullion fitting is attached to the frame and is concealed by the fitting cover.

- Steel mullions are 2" (51 mm) wide and 3" (76 mm) deep, with a wall thickness of 1/8" (3 mm)
- Mullions are shipped with mounting screws and prepared for strikes (strikes are not included except where indicated)
- Steel mullions are available in SP28 and SP313 finishes (Consult factory for other powder coat finish options)

Keyed Removable Steel Mullions (KR)

KR mullions make removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without the use of the cylinder key. Uses a 1-1/4" mortise cylinder with a straight cam (Schlage cam reference L583-477). Cylinders are sold separately. Prefix mullion model with "KR".

Removable aluminum mullions are 1-1/16" (27 mm) wide on face closest to the door and 2-3/8" (60 mm) at the widest point. The depth is 3-1/8" (79 mm) with a wall thickness of 1/8" (3 mm).

Aluminum mullions are available in 606, 612, 628, 710 and 622/711 finishes. Consult factory for other powder coat finish options. Aluminum mullions are not available keyed removable.

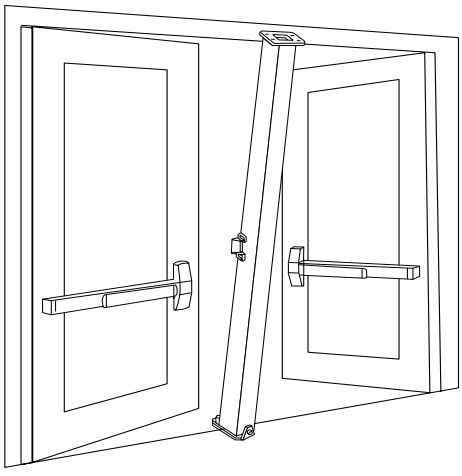
Stock hollow metal applications for devices mounted to cover ANSI 161 cutouts are higher than the standard mullion strike location. Consult the factory for special strike preparation or order a blank mullion. See below.

Blank Mullions

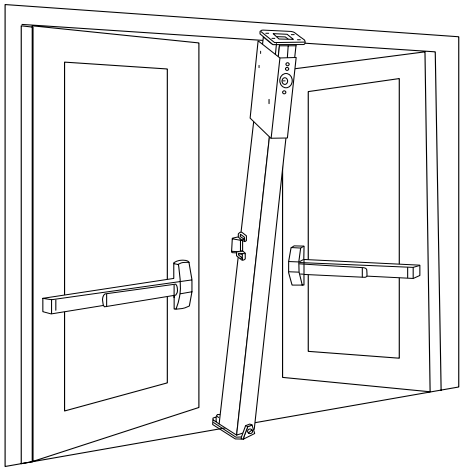
Blank mullions are furnished without strike preparation. They're used to mount devices at a strike height different from the standard mullion preparation.

To order, specify:

- For keyed removable option on steel mullions, prefix model number with "KR"
- Model number
- Height of opening
- Finish
- Handing, if required
- Centerline deviation (refer to device template for standard centerline)
- Strikes, when required, should be ordered with device



Removable mullions



Keyed removable steel mullions

Steel & Aluminum Mullions

Steel Mullions

1654 Prepared for two 1606 strikes. If 1606 strikes are not specified on the order, two per mullion will be added. Additional charges apply.

4954 Prepared for 264 or 299 strikes. For use with all Von Duprin Panic rim devices.

9954 Prepared for and must be used with two 268 strikes (88-F device), or two 499F (22-F, 98-F, 99-F devices). UL fire labeled mullion for up to 3 hour opening using Von Duprin fire exit rim devices. This mullion is not easily removed due to special fittings. 98-F and 99-F devices are rated up to 10'0" (3048 mm).

Note: If 268 or 499F strikes are not specified on the order, two per mullion will be added. Additional charges apply.

4754 Prepared for two 4263 monitor strikes.

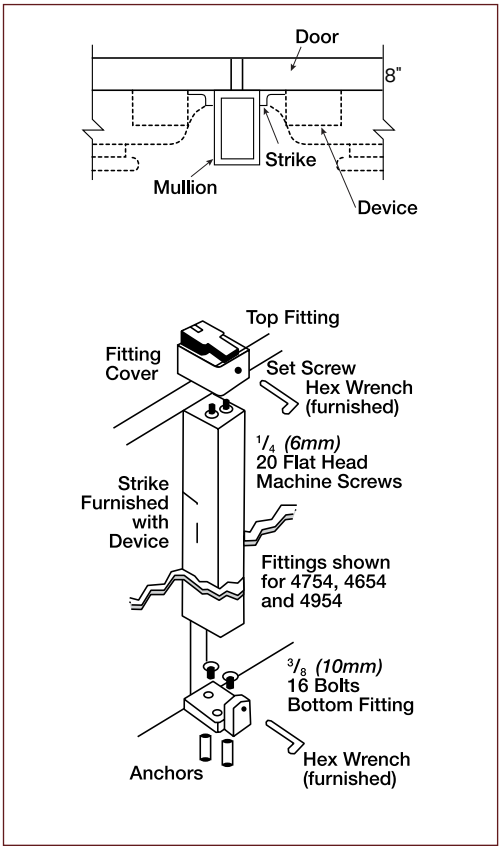
4854 Prepared for one 299 and one 6111 electric strike. Indicate handing for electric strike.

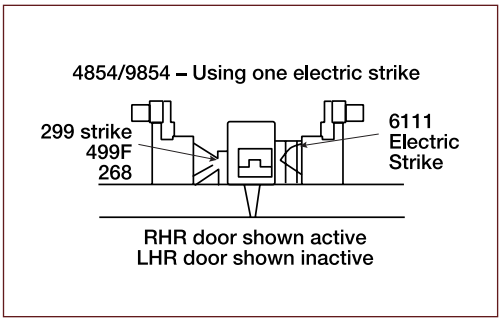
9854 Prepared for one 268 or 499F strike and one 6111 electric strike. Indicate handing for electric strike. UL fire labelled mullion for up to 3 hour openings up to 8' x 8' (2438 mm x 2438 mm) using Von Duprin fire exit rim devices.

Aluminum Mullions

5654 Prepared for two 299 strikes.

5754 Prepared for 1408 double strike.





UL Listing for Fire Exit Hardware and Label & Opening Size

Check with door manufacturers to confirm listing compatibility.

			Double Door						
Exit Device	**Door Material**	**Single Door**	With mullion	With 9854 mullion[4]	With KR9954 mullion	With KR9854 mullion[4]	V x V same direction[1]	V x Mortise same direction[3]	V x V double egress
22-F	Metal, wood core, composite (wood or plastic covered)	3 Hour 4' x 8'	3 Hour 8' x 10'	90 Min 8' x 8'	3 Hour 8' x 8'	90 Min 8' x 8'			
2227-F	Metal, wood core, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	—	3 Hour 8' x 10'
2227-F-LBR	Metal, wood core, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 8'	—	3 Hour 8' x 8'

1. Fire-rated metal door flush bolts may be substituted on one leaf of a pair in these columns. Substitute two-point flush bolt for vertical devices; or substitute top flush bolt with auxiliary fire bolt for vertical rod LBR/LBL-AFL devices. The opening will carry the fire listing (# hours and opening size) of the least rated component.
2. Not listed for Canada.
3. For Vertical x Mortise opening sizes, see applicable vertical rod/cable device rows.
4. Hourly limitation due to 6111 electric strike listing.

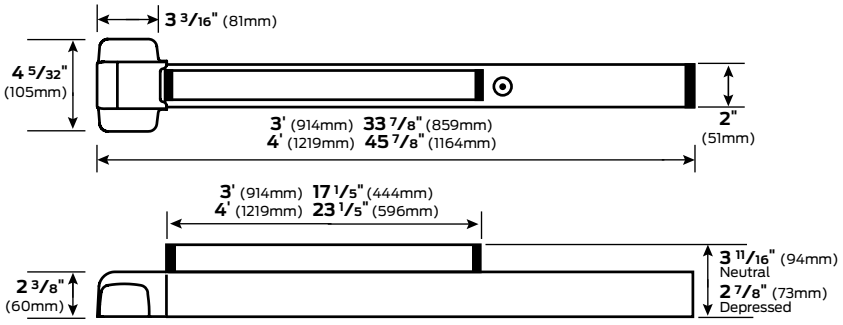
Notes:

- Check with door manufacturers to confirm listing compatibility.
- Overlapping astragal may not be used on pairs swinging same direction with vertical rods or cables on both leaves.

Function, Grade, and Type Options

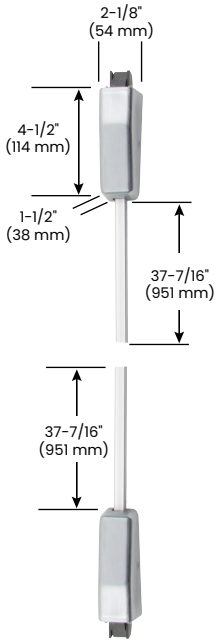
Function	Grade 1, Type 1	Grade 1, Type 2
01	22EO / 22EOF	2227EO / 2227EO-F
02	22DT	2227DT
03	22NL / 22NL-F	2227NL / 2227NL-F
05	22TP / 22TP-F	2227TP / 2227TP-F
08	22K /22K-F	2227K /2227K-F
08	22L / 22L-F	2227L / 2227L-F
14	22K-BE/22K-BE-F	2227K-BE/2227K-BE-F
14	2227K-BE/2227K-BE-F	2227L-BE/2227L-BE-F
15	22TP-BE/22TP-BE-F	2227TP-BE/2227TP-BE-F

Device Dimensions



Vertical Rod Dimensions

Vertical rods are 1/2" (13 mm) square tubing



Minimum Stile Information

Device Type	Standard Single Door		Standard Double Door		Optional Single Door		Optional Double Door	
	Strike	Stile	Application[1]	Stile	Strike	Stile	Application[1]	Stile
22	299	4-3/8" (121 mm)	299 x 4954	4-3/4" (121 mm)	1439	3-13/16" (97 mm)	299 w/5654	4-1/4" (108 mm)
					1410	3-13/16" (97 mm)	1408 w/5754	3-13/16" (97 mm)
					1606	3-15/16" (100 mm)	1606 w/1654	4-1/4" (108 mm)
					—	—	1609 w/ vertical rod[2]	4-3/8" (111 mm)
22-F	299F	4-3/8" (111 mm)	499F x 9954	4-7/8" (124 mm)	—	—	—	—
2227 Latch Retraction	299 (top) 304L/248L (bottom)	3-5/8" (92 mm)	Two vertical rods	3-5/8" (92 mm)	260U top 385A bottom	3-5/8" (92 mm)	Two vertical rods	3-5/8" (92 mm)
2227 Pullman Latch	299 (top) 248L (bottom)	3-5/8" (92 mm)	Two vertical rods	3-5/8" (92 mm)	260U top	3-5/8" (92 mm)	Two vertical rods	3-5/8" (92 mm)
2227-F	299F (top) 304L (bottom)	3-5/8" (92 mm)	Two vertical rods	3-5/8" (92 mm)	260U-SS top	3-5/8" (92 mm)	Two vertical rods	3-5/8" (92 mm)

1. Mullion information, refer to General and Auxiliary catalogs.
2. Not for UL fire exit hardware. Must be used with a coordinator.

Note: On a rim/vertical rod application for a pair of doors, the 1609 strike extends off the edge of the door into the opening.

Lever Styles & Finishes

Standard Levers

03

06 - Default Lever

17

Finishes

526
Powder Coated
Chrome

622
Powder Coated
Matte Black

689
Powder Coated
Aluminum

695
Powder Coated
Dark Bronze

Notes

Notes

Notes

About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

For more, visit **www.allegion.com**

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33A/35A Series

Exit devices

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Invest in longevity

Von Duprin® empowers its customers to embrace change by providing flexible solutions that can be modified over time, protecting your investment well into the future.

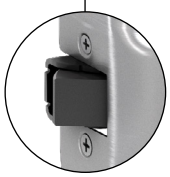
The 33A/35A Series is a narrow stile push pad device popular for its vast application coverage. With many field configurable and upgradeable solutions available, it's easy to enhance the functionality of an existing device. Mechanical and electronic options include quiet electric latch retraction, delayed and controlled egress, concealed vertical cables and security indicators. It's one way Von Duprin protects its customers' investments long into the future.

Von Duprin's exit devices offer durable solutions that are proven in the field to perform under heavy use and abuse and backed by a team of experts experienced in door hardware application and code compliance. Allegion stands behind every Von Duprin product we make with unparalleled customer support thanks to our team of experts based in the U.S. that average more than 15 years of experience, so you are assured to receive expert advice.

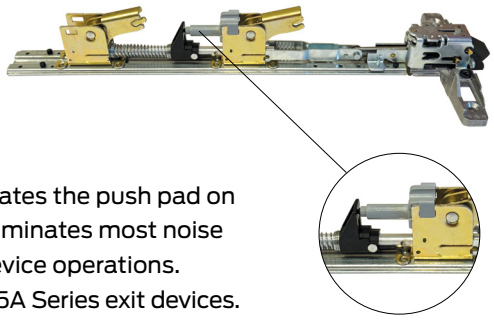
33A Series features grooved mechanism case.

35A Series features smooth mechanism case.

Von Duprin pushpad exit devices are available in two external surface styles, designated 33A Series and 35A Series. The two styles are mechanically and dimensionally identical and provide a wide selection of appearance options.



Deadlocking latch bolt
Deadlocking latch bolt provides security and improved performance at standard device cost.



The Quiet One®
A fluid damper decelerates the push pad on its return stroke and eliminates most noise associated with exit device operations. Furnished on all 33A/35A Series exit devices.

Nomenclature – how to order

Prefix	Device series/type		Trim/ rating		Suffix/ finish		Door width	Handing	Less bottom rod/cable	Trim options/ finish	Accessories	Other information
1	2	3	4	5	6	7	8	9	10	11	12	13
QEL -	33 -	27 -	L -	F -	— -	626 -	3' -	RHR -	LBR -	360L-06/626 -	SNB -	HM

Detail

1 Prefixes

None	Standard
ALK	Standard alarm kit
AX	Accessible device
CD	Cylinder dogging – panic only
CDSI	Cylinder dogging with security indicator
CX	Chexit
DI	Dogging indicator
ESL	Emergency Secure Lockdown
HD-QEL	Quiet electric latch retraction with hex dogging
HDSI	Hex dogging with security indicator
HH	Hurricane device
LD	Less dogging
LX	Latch bolt monitoring
LX-LC	Latch bolt monitoring, low current
LX-RX	Latch bolt monitoring, request to exit
LX-RX-LC	Latch bolt monitoring, request to exit low current
PL	Pullman latch
PN	Pneumatic latch retraction
QEL	Quiet electric latch retraction
QEL-L	Quiet electric latch retraction – latch bolt only
QM	Quiet mechanical
RX	Request to exit
RX-AUX	Request to exit auxiliary
RX-LC	Request to exit low current
RX2	Double request to exit
SS	Signal switch
WP-RX	Waterproof request to exit

2 Device series

35A	Series 35A – smooth
33A	Series 33A – grooved

3 Device type

A	Rim device
27A	Surface mounted vertical rod device
47A	Concealed vertical rod device
48A	Concealed vertical rod device
49A	Concealed vertical cable device

4 Trim functions

DT	Dummy trim
EO	Exit only
L	Lever (classroom)
L-BE	Lever – blank escutcheon
L-DT	Lever, rigid – dummy trim
NL	Night latch
NL-OP	Night latch cylinder assembly, optional pull
T	Thumbturn
TL	Turn lever
T-BE	Thumbturn – blank escutcheon
TL-BE	Turn lever – blank escutcheon (passage)

5 Rating

F	Fire Exit Device - Rim, 27A, 47A, 48A, 49A only

6 Suffix

CON	Connectors
WH	Weep holes

7 Finish

605	Bright Brass
606	Satin Brass
612	Satin Bronze
619	Satin Nickel
622/711	Matte Black/Matte Black, Anodized
625	Bright Chrome
626	Satin Chrome
626AM	Satin Chrome, Antimicrobial
628	Aluminum, Anodized
630	Satin Stainless
630AM	Satin Stainless, Antimicrobial
643e	Aged Bronze
693	Black Paint
710	Dark Brown, Anodized

8 Door width / Door thickness

2'	2' device	2'	27A, 47A or 49A only
3'	3' device	2'4"-3'	
4'	4' device	2'10"-4'	

9 Handing

LHR	Left hand reverse
RHR	Right hand reverse

10 Less bottom rod/cable

LBR	Less bottom rod
LBR-AFL	LBR with fire pin
LBL	Less bottom latch
LBL-AFL	LBL with fire pin

11 Trim options/finish

See trim options/finish for each device type

	Lever Style 06 standard Optional 01, 02, 02KN, 03, 03KN, 05, 06KN, 07, 12 (handed), 16, 17, 17KN, 18, ACC, AST, MER, STA

12 Accessories

CYL	Cylinder
GBK	Glass bead kit
SEC	Security screws
SLM	SLM blocking
SNB	Sex bolts

13 Other information

Touchbar options

BRAILLE	Vision impaired touchpad, raised letter, and braille
PUSH	Touchbar trim embossed 'PUSH'
RSS	Red silk-screened lettered touchbar trim
KN	Knurled touchbar
SG	Safety glow

Miscellaneous

CE	CE labeled
LCP	Less cover plate
IOWDA	#IOWDA cover plate
RAT REL	Ratchet release assy

Door material

AL	Aluminum door
HM	Hollow metal
WD	Wood door
CP	Composite door
INS2	Insulclad – ½"
INS4	Insulclad – ¼"
SC	Steelcraft, HH device only

Door application

D	Double egress
P	Pair of doors
S	Single door

Note: Not all options are listed. See the specific device type pages for complete options available.

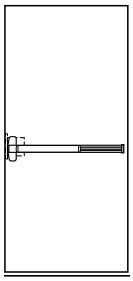
As the pioneer in the industry, Von Duprin continues to advance the industry through customer-centric innovation, which delivers solutions to the most challenging applications.

Backed by high quality standards, Von Duprin exit devices were among the first in the industry certified to ANSI/BHMA A156.3 Grade 1. Our exit devices are tested to the highest standards and proven in the field to perform under heavy use and abuse, giving you peace of mind both now and in the future.

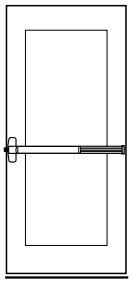
The versatile design can be easily upgraded to connect to a larger electronic ecosystem, empowering you to adapt with flexible solutions. You can configure numerous variations in the field without replacing your device and protecting your investment. This makes upgrades easy and cost effective.

Popular applications

Single door applications

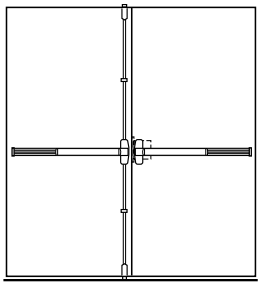


Single mortise lock device

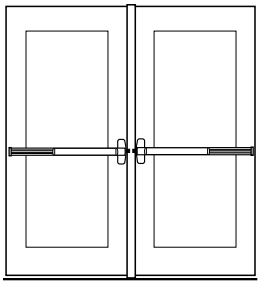


Single rim device

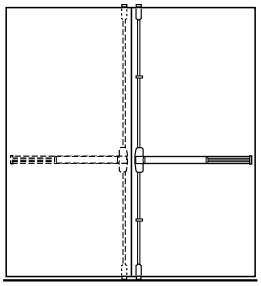
Double door applications



Mortise lock and surface mounted or concealed vertical cable/rod device combination—same direction



Two rim devices with mullion—same direction

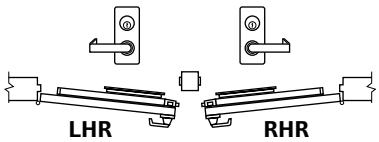


Two vertical rods—double egress
Two surface/concealed rods or cables

Door handing

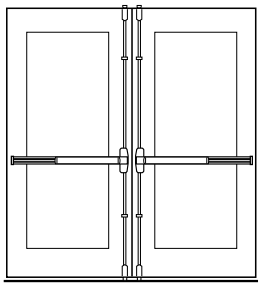
Left hand-reverse orientation

Right hand-reverse orientation

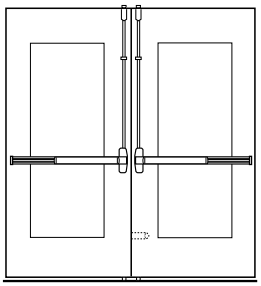


(Left hand-reverse) (Right hand-reverse)

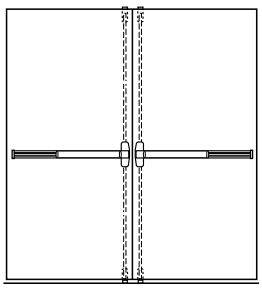
Outside



Two surface mounted vertical rod devices—same direction*



Two fire exit hardware vertical cables/rods with auxilary fire latch-LBR option*



Two concealed vertical cables/rods*

* Do not use with overlapping astragals

33A/35A Rim exit device

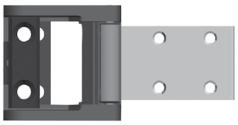
33A and 35A for all types of single and double doors with mullion, UL listed for panic exit hardware. Devices are ANSI A156.3 Grade 1. The 35A has a smooth mechanism case and the 33A has grooved case. The rim device is non-handed except when the SS (signal switch) option is used.

33A/35A fits door stiles as narrow as 1 3/4" (44mm).

Specifications

Device lengths	3' 4'	2'4' to 3' (711mm to 914mm) Door size 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm) 39 11/16" (1008mm) with mullion	
Center case	8 3/16" x 1 9/16" x 2 13/32" (208mm x 40mm x 62mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking, 3/4" (19mm) throw	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

Accessories



1439 roller
Ships standard, optional strikes available

299 strike
Needs to be specified for hollow metal frames

Hex key dogging
Comes standard on 33A/35A rim exit devices

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency secure lockdown
LX	Latch bolt monitor switch
LX-RX	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

AX	Accessible device
GBK	Glass bead kit
PN	Pneumatic
QM	Quiet mechanical
SEC	Security screws
SG	Safety glow
SNB	Sex bolts
WH	Weep holes

Dogging feature
Hex key dogging standard

Dogging options

CD	Cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
LD	Less dogging

Strikes

1439	Dull black

Optional strikes

33A-F/35A-F Rim fire exit device

33A-F and 35A-F for all types of single and double fire rated doors with mullion, UL listed for Fire Exit Hardware. See Additional information section of the catatog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2014 Grade 1. The 35A has a smooth mechanism case and the 33A has grooved case. The rim device is non-handed except when the SS (signal switch) option is used.

33A/35A fits door stiles as narrow as 1 ¾" (44mm).

Specifications

Device lengths	3' 4'	2'4' to 3' (711mm to 914mm) Door size 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm) 39 11/16" (1008mm) with mullion	
Center case	8 3/16" x 1 9/16" x 2 13/32" (208mm x 40mm x 62mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking, 3/4" (19mm) throw	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency secure lockdown
LX	Latch bolt monitor switch
LX-RX	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

AX	Accessible device
GBK	Glass bead kit
PN	Pneumatic
QM	Quiet mechanical
SEC	Security screws
SG	Safety glow
SNB	Sex bolts
WH	Weep holes

Strikes

299F	Dull black, 499F with mullions

Accessories

299F strike
Ships standard

499F strike
With 9854/9954 mullion

3327A/3527A Surface mounted vertical rod device

3327A and 3527A for all types of single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 Grade 1. The 3527A has a smooth mechanism case and the 3327A has grooved case. The surface vertical rod device is non-handed except when the SS (signal switch) option is used.

3327A/3527A fits door stiles as narrow as 1 ¾" (44mm).

Specifications

Device lengths	3' 2'4' to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm) 39 11/16" (1008mm) with mullion
Center case	8 3/16" x 1 9/16" x 2 13/32" (208mm x 40mm x 62mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking, 3/4" (19mm) throw
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)

Accessories

266 top strike
Ships standard

248L-4 bottom strike
For use with threshold

304L bottom strike

Hex key dogging
Comes standard on 3327A/3527A exit devices

Top latch

Bottom latch

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX	Latch bolt monitor switch
LX-RX	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

GBK	Glass bead kit
LBR	Less bottom rod
PL	Pullman latch
PN	Pneumatic
QM	Quiet mechanical
SG	Safety glow
SEC	Security screws
SNB	Sex bolts
WH	Weep holes

Dogging feature

CD	Cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
LD	Less dogging

Strikes

266	(Top) Dull black
248L-4 and 304L	(Bottom) Unfinished

Optional strikes

3327A-F/3527A-F Surface mounted vertical rod fire exit device

3327A-F and 3527A-F for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for Fire Exit Hardware. See Additional information section of the catatog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2008 Grade 1. The 3527A-F has a smooth mechanism case and the 3327A-F has grooved case. The surface vertical rod device is non-handed except when the SS (Signal Switch) option is used.

3327A-F/3527A-F fits door stiles as narrow as 2 3⁄16" (56 mm).

Specifications

Device lengths	**2'**	2' (610 mm) Door size
	3'	2'4" to 3' (660mm to 914 mm) door size
	4'	2'8" to 4' (813 mm to 1219 mm) door size
Device centerline from finished floor	39 13⁄16" (1006mm)	
Center case	8 13⁄16" x 2 13⁄32" x 1 9⁄16" (208mm x 62mm x 40mm)	
Mechanism case	2 1⁄4" x 2 1⁄4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13⁄16" (97mm) Pushbar depressed – 3 1⁄16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt 5⁄8" (16mm) throw	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 3⁄4" (44mm) – 2 1⁄4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device) #325 SNB furnished for top and bottom latches	

Accessories

299F top strike

499F
LBR only

304L bottom strike
For use with threshold

Top latch

Bottom latch

Features and options

Electrified options

ALK	Alarm kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX	Latch bolt monitoring
LX-RX	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

GBK	Glass bead kit
PN	Pneumatic
LBR	Less bottom rod
QM	Quiet mechanical
SG	Safety glow
SEC	Security screws
SNB	Sex bolts
WH	Weep holes

Strikes

299F	(Top) Dull black
304L	(Bottom) Unfinished

Optional strikes

3347A/3547A Concealed vertical rod device

3347A and 3547A for all types of single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 Grade 1. The 3547A has a smooth mechanism case and the 3347A has grooved case. The concealed vertical rod device is non-handed except when the SS (signal switch) option is used.

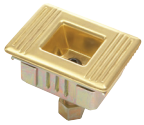
3347A/3547A fits door stiles as narrow as 2-1/8" (44 mm), wood door stiles as narrow as 4" (102mm).

Specifications

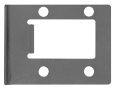
Device lengths	**2'**	2' (610 mm) door size
	3'	2'4' to 3' (660mm to 914mm) door size
	4'	2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006 mm)	
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw	
Door undercut	1/4" (7mm)	
Top and bottom latch case	3 3/4" x 1 1/2" x 1" (89mm x 38mm x 25mm)	
Vertical rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

Accessories

338 top strike



385A bottom strike



283 top strike
For use with wood frames

Hex key dogging
Comes standard on 3347A/3547A exit devices

Top latch

Bottom latch

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX	Latch bolt monitor switch
LX-RX	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

GBK	Glass bead kit
HH	Hurricane
INS-2/ INS-4	Insulclad kits 1/2" / 1/4" panels
LBR	Less bottom rod
PL	Pullman latch
PN	Pneumatic
SEC	Security screws
SG	Safety glow
SNB	Sex bolts
WH	Weep holes

Dogging feature

Hex dogging standard

Dogging options

CD	Cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
LD	Less dogging

Strikes

338	(Top) Unfinished
385A	(Bottom) Unfinished

Optional strikes

3347A-F/3547A-F Concealed vertical rod fire exit device

3347A-F and 3547A-F for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for fire exit hardware. See Additional information section of the catatog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 Grade 1. The 3547A-F has a smooth mechanism case and the 3347A-F has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3347A-F/3547A-F fits door stiles as narrow as 3 ½" (90mm).

Specifications

Device lengths	**2'**	2' (610 mm) door size
	3'	2'4' to 3' (660mm to 914mm) door size
	4'	2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006 mm) standard; adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)	
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw	
Door undercut	1/4" (7mm)	
Top and bottom latch case	3 ¾" x 1 ½" x 1" (89mm x 38mm x 25mm)	
Vertical rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 ¾" (44mm) – 2 ¼" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX	Latch bolt monitor switch
LX-RX	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

GBK	Glass bead kit
HH	Hurricane
LBR	Less bottom rod
PN	Pneumatic
SEC	Security screws
SG	Safety glow
SNB	Sex bolts
WH	Weep holes

Strikes

338	(Top) Unfinished
385A	(Bottom) Unfinished

Optional strikes

Accessories

338 top strike

385A bottom strike

Top latch

Bottom latch

3348A/3548A Concealed vertical rod device

3348A and 3548A for hollow metal single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 Grade 1. The 3548A has a smooth mechanism case and the 3348A has grooved case.The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used.

3348A/3548A fits door stiles as narrow as 2 1/8" (44 mm).

Specifications

Device lengths	**2'** 2' (610 mm) door size **3'** 2'4' to 3' (660mm to 914mm) door size **4'** 2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm) Standard, adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt 3/4" (19mm) throw Deadlocking anti-friction top and bottom bolt 1 1/2" (38mm) throw
Door undercut	3/4" (19mm) maximum
Top and bottom latch case	4 1/2" x 2 7/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX	Latch bolt monitor switch
LX-RX	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

GBK	Glass bead kit
PN	Pneumatic
SEC	Security screws
SG	Safety glow
SNB	Sex bolts
WH	Weep holes

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
LD	Less dogging

Strikes

338	(Top) Unfinished
385A	(Bottom) Unfinished

Optional strikes

Accessories

338 top strike

385A bottom strike

Hex key dogging
Comes standard on 3348A/3548A rim exit devices

Top latch

Bottom latch

3348A-F/3548A-F Concealed vertical rod fire exit device

3348A-F and 3548A-F for hollow metal single and double doors up to 8' x 10' (2438mm x 2540mm), UL listed for fire exit hardware. See Additional information section of the catatog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2008 Grade 1. The 3548A-F has a smooth mechanism case and the 3348A-F has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used.

3348A-F/3548A-F fits door stiles as narrow as 3 ½" (90mm).

Specifications

Device lengths	**2'**	2' (610 mm) door size
	3'	2'4' to 3' (660mm to 914mm) door size
	4'	2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm) Standard, adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)	
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt ¾" (19mm) throw Deadlocking anti-friction top and bottom bolt 1 ½" (38mm) throw	
Door undercut	¾" (19mm) maximum	
Top and bottom latch case	4 ¼" x 1 ½" x 1 ⅛" (108mm x 38mm x 29mm)	
Vertical rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 ¾" (44mm) – 2 ¼" (57mm) wood and metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX	Latch bolt monitor switch
LX-RX	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

GBK	Glass bead kit
PN	Pneumatic
SG	Safety glow
SEC	Security screws
SNB	Sex bolts
WH	Weep holes

Strikes

338	(Top) Unfinished
385A	(Bottom) Unfinished

Optional strikes

Accessories

338 top strike

385A bottom strike

Top latch

Bottom latch

3349A/3549A Concealed vertical cable device

3349A and 3549A for hollow metal single and double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 Grade 1. The 3549A has a smooth mechanism case and the 3349A has grooved case. The concealed vertical cable device is non-handed except when the SS (signal switch) option is used.

3349A/3549A fits door stiles as narrow as 2 ⅛" (44 mm).

Specifications

Device lengths	**2'**	2' (610 mm) door size
	3'	2'4' to 3' (660mm to 914mm) door size
	4'	2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm)	
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt ½" (13mm) throw	
Door undercut	¾" (19mm) maximum	
Top and bottom latch case	5 13/16" x 1 ¼" x 1 7/16" (147mm x 32mm x 37mm)	
Vertical cables	7/32" (6mm) diameter stainless steel cables	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 ¾" (44mm) – 2 ¼" (57mm) metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

Accessories

Cable detail

249 top strike

338 filler plate
(retrofit bracket)

349 bottom strike

Hex key dogging
Comes standard on 3349A/3549A rim exit devices

Top latch

Center slide

Bottom latch

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX*	Latch bolt monitor switch
LX-RX*	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC*	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

AX	Accessible device
GBK	Glass bead kit
HH	Hurricane
INS-2/ INS-4	Insulclad kits ½" / ¼" panels
LBL	Less bottom latch
PL	Pullman latch
PN	Pneumatic
SEC	Security screws
SG	Safety glow
SNB	Sex bolts
WH	Weep holes

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
LD	Less dogging

Strikes

249	Top
349	Bottom

* For 33/3549A devices, LX switch monitors trim input or electric dogging of QEL devices. LX switch does not monitor latch bolt condition.

3349A-F/3549A-F Concealed vertical cable fire exit device

3349A-F and 3549A-F for hollow metal single and double doors up to 8' x 10' (2438mm x 2540mm), UL listed for fire exit hardware. See Additional information section of the catatog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 Grade 1. The 3549A-F has a smooth mechanism case and the 3349A-F has grooved case. The concealed vertical cable device is non-handed except when the SS (signal switch) option is used.

3349A-F/3529A-F fits door stiles as narrow as 3 ½" (90mm).

Specifications

Device lengths	**2'**	2' (610 mm) door size
	3'	2'4' to 3' (660mm to 914mm) door size
	4'	2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm) standard	
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt ½" (13mm) throw	
Door undercut	3/4" (19mm) maximum – 24231516 spacer block kit needed for ¾" (19mm) undercut	
Top and bottom latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)	
Vertical cables	7/32" (6mm) diameter stainless steel cables	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 ¾" (44mm) – 2 ¼" (57mm) metal doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

Accessories

Cable detail

249 top strike

338 filler plate
(retrofit bracket)

349 bottom strike

Top latch

Center slide

Bottom latch

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX*	Latch bolt monitor switch
LX-RX*	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-RX LX-LC, LX-RX-LC*	Low current option for RX, LX,
SS	Signal switch
CON	Allegion Connect

Mechanical options

AX	Accessible device
GBK	Glass bead kit
HH	Hurricane
LBL	Less bottom latch
PN	Pneumatic
SEC	Security screws
SG	Safety glow
SNB	Sex bolts
WH	Weep holes

Strikes

249	Top
349	Bottom

* For 33/3549A devices, LX switch monitors trim input or electric dogging of QEL devices. LX switch does not monitor latch bolt condition.

3350AWDC/3550AWDC Wood door concealed vertical cable device

3350AWDC and 3550AWDC for use on single and double wood doors, UL listed for panic exit hardware. Devices are ANSI A156.3 Grade 1. The 3549A has a smooth mechanism case and the 3350AWDC has grooved case. The concealed vertical cable device is non-handed except when the SS (signal switch) option is used.

3350AWDC/3550AWDC fits minimum 4" door stile width (101.6 mm).

Scalp Plate – Device is furnished standard with an 15" (381 mm) long scalp plate for easy access to cables.

Specifications

Device lengths	**2'**	2' (610 mm) door size
	3'	2'4' to 3' (660mm to 914mm) door size
	4'	2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm)	
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt ½" (13mm) throw	
Door undercut	¾" (19mm) maximum	
Top and bottom latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)	
Vertical cables	7/32" (6mm) diameter stainless steel cables	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 ¾" (44mm) – 2 ¼" (57mm) wood doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

Accessories

338 filler plate
(retrofit bracket)

150 top strike

Hex key dogging
Comes standard on 3350AWDC/3550AWDC exit devices

450 bottom strike

Top latch

Center slide

Bottom latch

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX*	Latch bolt monitor switch
LX-RX*	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC*	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

GBK	Glass bead kit
INS-2/ INS-4	Insulclad kits ½" / ¼" panels
LBL	Less bottom latch
PL	Pullman latch
PN	Pneumatic
SEC	Security screws
SG	Safety glow
SNB	Sex bolts
WH	Weep holes

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
LD	Less dogging

Strikes

150	Top
450	Bottom

* For 33/3550AWDC devices, LX switch monitors trim input or electric dogging of QEL devices. LX switch does not monitor latch bolt condition.

3350AWDC-F/3550AWDC-F Concealed vertical cable fire exit device

3350AWDC-F and 3550AWDC-F for use on single and double wood doors up to 8' x 10' (2438mm x 2540mm), UL listed for fire exit hardware. See Additional information section of the catatog for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 Grade 1. The 3550AWDC-F has a smooth mechanism case and the 3350AWDC-F has grooved case. The concealed vertical cable device is non-handed except when the SS (signal switch) option is used.

3350AWDC-F/3550AWDC-F fits minimum 4" door stile width (101.6 mm).

Scalp Plate – Device is furnished standard with an 15" (381 mm) long scalp plate for easy access to cables.

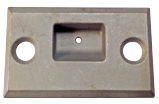
Specifications

Device lengths	**2'**	2' (610 mm) door size
	3'	2'4" to 3' (660mm to 914mm) door size
	4'	2'8" to 4' (813mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1006mm)	
Center case	8 13/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)	
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)	
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)	
Latch bolt	Deadlocking anti-friction top and bottom bolt 1/2" (13mm) throw	
Door undercut	3/4" (19mm) maximum	
Top and bottom latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)	
Vertical cables	7/32" (6mm) diameter stainless steel cables	
Finishes	605, 606, 612, 619 (35A only), 625, 626, 626AM, 628, 710, 711	
Fasteners and sex bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) wood doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)	

Accessories

338 filler plate
(retrofit bracket)

150 top strike



450 bottom strike

Top latch

Center slide

Bottom latch

Features and options

Electrified options

ALK	Alarm exit kit
CX	Chexit delayed exit
ESL	Emergency Secure Lockdown
LX*	Latch bolt monitor switch
LX-RX*	Request to exit / latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit, WP-RX waterproof option
RX-LC, LX-LC, LX-RX-LC*	Low current option for RX, LX, LX-RX
SS	Signal switch
CON	Allegion Connect

Mechanical options

GBK	Glass bead kit
LBL	Less bottom latch
PN	Pneumatic
SEC	Security screws
SG	Safety glow
SNB	Sex bolts
WH	Weep holes

Strikes

150	Top
450	Bottom

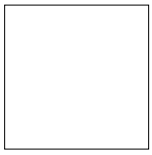
* For 33/3550AWDC devices, LX switch monitors trim input or electric dogging of QEL devices. LX switch does not monitor latch bolt condition.

Trim functions

Von Duprin protects your investment by empowering you to adapt with flexible solutions and modular options. The 33A/35A Series features numerous trim options to serve your different needs. Designed with flexibility in mind, our solutions offer ease of adding new options as they are developed.

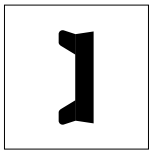
With Von Duprin, you can be confident that as the needs of your facility change, our products can be upgraded easily to meet your needs, especially as the mechanical and electronic technology converge. Von Duprin's versatile design enables you to add functionality to existing devices in a cost-effective way, protecting your investment well into the future.

A variety of device trim lock type functions such as key lock and unlock, latch bolt retraction with key and no cylinder designs for an "always operable" function are available in levers, knobs, latches, thumbpiece and thumbturn designs.



EO No outside trim

- Exit only

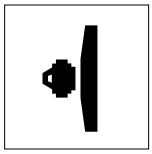


DT Dummy trim

- Pull when dogged (not recommended for fire device)

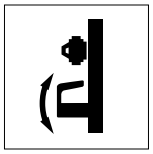
NL Night latch

- Key retracts latchbolt
- Rim cylinder



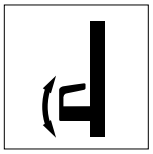
NLOP Night latch

- Key retracts latchbolt, optional pull required



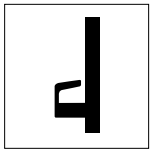
L Lever
K Knob

- Key locks and unlocks
- Rim and 1-1/4" mortise cylinder
- Handed, reversible lever
- Electrified lever operation available



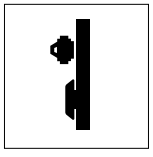
LBE Lever, blank escutcheon
KBE Knob, blank escutcheon

- Always operable (no cylinder)



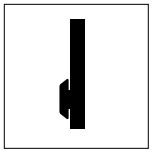
NLOP Night latch, operational pull

- Key retracts latchbolt, pull required



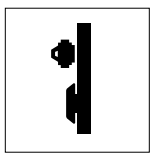
TP Thumbpiece

- Key locks and unlocks
- 1-1/4" mortise cylinder



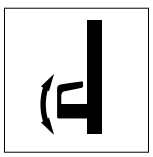
TLBE Turn lever, blank escutcheon

- Blank escutcheon always operable (no cylinder)



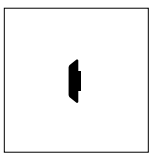
TL Turn lever

- Key locks and unlocks (use with DT trim)
- 1-1/4" mortise cylinder



TPBE Thumbpiece, blank escutcheon

- Blank escutcheon always operable (no cylinder, use with DT trim)



TLOP Turn lever, optional pull

No trim, 386 and 388 trim

Trim description	No trim	386 trim		388 trim
Nomenclature	EO	386DT	386NL	388
Trim function	No outside trim	Dummy trim	Night latch	Night latch
Function description	Exit only	Pull when dogged	Key retracts latch bolt	Key retracts latch bolt optional pull required
ANSI function	01	02	03	03
Device compatibility				
33/35A rim	■	■	■	■
33/35 A Rim-F	■		■	■
33/3527A	■	■	■	■
33/3527A-F	■		■	■
33/3547A	■	■	■	■
33/3547A-F	■		■	■
33/3548A	■	■	■	■
33/3548A-F	■		■	■
33/3549A	■	■		
33/3549A-F	■			
33/3550A	■	■		
33/3550A-F	■			
Handing				
	—	—	Handed	—
Cylinder type				
Rim or vertical device	—	—	Rim	Rim

360 trim

Trim description				
Nomenclature	360L	360L-BE	360T	360T-BE
Trim function	Lever	Lever blank escutcheon	Thumbturn	Thumbturn
Function description	Key locks and unlocks	Always operable (no cylinder)	Key locks and unlocks	Always operable, no cylinder
ANSI function	08 or 09 field selectable*	—	11 or 12 field selectable*	—
Device compatibility				
33/35A rim	■	■	■	■
33/35 A Rim-F	■	■	■	■
33/3527A	■	■	■	■
33/3527A-F	■	■	■	■
33/3547A	■	■	■	■
33/3547A-F	■	■	■	■
33/3548A	■	■	■	■
33/3548A-F	■	■	■	■
33/3549A		■	■	■
33/3549A-F		■	■	■
33/3550A		■	■	■
33/3550A-F		■	■	■
Handing				
	Handed/reversible	Handed/reversible	—	—
Cylinder type				
Rim or vertical device	1 1/4" mortise	—	1 1/4" mortise	—

* Field- selectable by inverting or un-inverting cam.

374 x 386 trim

Trim description		
Nomenclature	374T x 386DT	374T-BE x 386
Trim function	Thumbturn	Thumbturn-blank
Function description	Key locks and unlocks	Escutcheon always operable (no cylinder)
ANSI function	11-12 field selectable*	—
Device compatibility		
33/35A rim		
33/35 A Rim-F		
33/3527A	■	■
33/3527A-F	■	■
33/3547A	■	■
33/3547A-F	■	■
33/3548A	■	■
33/3548A-F	■	■
33/3549A		
33/3549A-F		
33/3550A		
33/3550A-F		
Handing		
	—	—
Cylinder type		
Rim or vertical device	1 ¼" mortise	—

* Field- selectable by inverting or un-inverting cam.

Optional trim

Trim description	360 trim				
Nomenclature	360L-DT	360T x 550DT	360T x Ives 8190 10"	360T-BE x 550DT	360T-BE x 8190 10"
Trim function	Lever	Thumbturn	Night latch	Thumbturn-blank	Thumbturn-blank
Function description	Pull when dogged	Key locks and unlocks	Key retracts latch bolt	Escutcheon always operable (no cylinder)	Escutcheon always operable (no cylinder)
ANSI function	02	11 or 12 field selectable*	11 or 12 field selectable*	—	—
Device compatibility					
33/35A rim	■			■	■
33/35 A Rim-F				■	■
33/3527A	■	■	■	■	■
33/3527A-F		■	■	■	■
33/3547A	■	■	■	■	■
33/3547A-F		■	■	■	■
33/3548A	■	■	■	■	■
33/3548A-F		■	■	■	■
33/3549A	■			■	■
33/3549A-F				■	■
33/3550A	■			■	■
33/3550A-F				■	■
Handing					
	Handed/reversible	—	—	—	—
Cylinder type					
Rim or vertical device	—	1 ¼" mortise	—	—	—

* Field- selectable by inverting or un-inverting cam.

Optional trim

Trim description	374/376 x 8190 10" trim		388 trim	388 x Ives trim	392 trim
Nomenclature	374T/376T x 8190 10"	374T-BE/376T-BE x 8190 10"	388 x 550DT	388 x IVES 8190 10"	392-6
Trim function	Thumbturn	Thumbturn-blank	Night latch	Night latch	Offset pull
Function description	Key locks and unlocks	Escutcheon always operable (no cylinder)	Key retracts latch bolt	Key retracts latch bolt	Pull when dogged
ANSI function	11 or 12 field selectable*	—	03	03	—
Device compatibility					
33/35A rim		■	■		■
33/35 A Rim-F		■	■		■
33/3527A	■	■	■		■
33/3527A-F	■	■	■		■
33/3547A	■	■	■	■	■
33/3547A-F	■	■	■	■	■
33/3548A	■	■	■	■	■
33/3548A-F	■	■	■	■	■
33/3549A		■			■
33/3549A-F		■			■
33/3550A		■			■
33/3550A-F		■			■
Handing					
	—	—	—	—	—
Cylinder type					
Rim or vertical device	1 ¼" mortise	1 ¼" mortise	Rim	Rim	—

* Field- selectable by inverting or un-inverting cam.

Dimensions

Trim style	Base width	Base height	Projection	Grip width	Grip height
386/386DT	1 5/8"	7 15/32"	2 7/16"	4 5/16"	8 1/2"
388	1 11/16"	7 15/32"	1"	—	—
360L	1 11/16"	7 1/2"	3"	—	—
360T	1 11/16"	7 1/2"	1 13/16"	—	—
374T	1 11/16"	7 1/2"	—	—	—
376T	1 11/16"	7 1/2"	1 13/16"	—	—
550DT	3 5/8"	11 9/16" (10" center to center)	1 7/8"	—	—
8190 10"	3 1/4"	11"	3 1/4"	—	—
392-6	3 1/2"	7" (6 1/4" center to center)	2 1/4"	—	—

Dogging options

Cylinder dogging (CD)

Cylinder dogging is available on all 33A/35A panic exit devices to replace the standard hex key dogging. Unit requires a standard 1 1/4" (32mm) mortise cylinder with an inverted straight cam. When ordering, reference Schlage cylinder 20-001, 1 1/4", XQ11-949. This provides the L583-477 cam inverted at the factory.

To order, specify: Use prefix, CD, example CD33A-L

Less dogging (LD)

Less dogging is available in all 33A/35A panic exit devices to remove the dogging option.

To order, specify: Use prefix LD, example LD33AL

Cylinder dogging kit (CDK)

For field conversion, a cylinder dogging conversion kit is available. Cannot be added to fire exit hardware.

To order, specify: 33ACDK or 35ACDK, specify finish

Hex key dogging kit* (HDK)

For field conversion, from cylinder dogging, conversion kit is available.

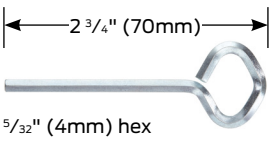
To order, specify: 33AHDK or 35AHDK, specify finish

*Cannot be added to fire exit hardware.

Dog keys

Dog key (old style)

Dog key (standard)



Classroom security/security indicators

Designed for high use and abuse institution environments, such as schools and hospitals, these Von Duprin products are recommended for the following applications.

Visual verification

Reduce the time it takes to tour your facility and ensure each door is secure by installing the Von Duprin security indicator to provide at-a-glance visual verification.

Lockdown

Lock down high occupancy areas such as auditoriums, cafeterias and gymnasiums, from inside the room with the Von Duprin security indicator that provides positive visual confirmation.

Features and benefits

- Lockdown solution that meets fire and life safety codes for free egress
- Modular conversion kits allow you to quickly and easily upgrade your existing devices

CDSI/HDSI dogging indicator

- Hex or cylinder dogging options
- Visual indication of whether the exit device is dogged or undogged
- Available for 98/99 and 33A/35A Series panic devices

Dogging security indicators (CDSI/HDSI)

The CDSI/HDSI dogging indicator provides an at-a-glance verification of the status of the door from inside of the room. Visible “LOCKED” and “UNLOCKED” indicators show whether the device is undogged or dogged. This feature can be used with hex key (HDSI) or cylinder dogging (CDSI) options on various device types–rim, mortise and vertical systems.

CDSI

HDSI

To order, specify:

1. Cylinder dogging security indicator: Prefix CDSI
2. Hex dogging security indicator: Prefix HDSI
3. Above options cannot be used with fire-rated devices and are recommended for use in combination with the following trim functions: DT, K-DT, L-DT, EO, NL, K-NL, L-NL, NL-OP

Environmental options

Quiet Mechanical (QM)

The QM option controls motion to reduce operational noise. It is available for the 996 trim, as well as 98/99 and 33A/35A rim and surface vertical rod devices. The QM trim solution provides a damper-controlled lever return. Likewise, the QM rim device option provides damper-controlled re-latching.

Features and benefits

- Controlled motion to reduce operational noise
- 996 damper-controlled lever return
- 98/99 and 33/35A damper controlled re-latching
- Available pre-installed from factory or as a retrofit kit
- Compatible with QEL, AX, RX, CD and HD

Pneumatic (PN) controlled exit devices

The PN feature provides remote latch bolt retraction in hazardous areas where electrically operated devices would not be permitted. The pneumatic solenoid will retract the latch bolt for momentary or prolonged periods. PN exit devices are particularly suited for use with automatic door operators. The PN feature is available on both Panic and fire exit hardware devices.

The PN feature includes a special actuating linkage that gives building owners the option of mechanically or pneumatically dogging the exit device. If manual hex-key dogging is required, specify HD-PN (Dogging the device, whether mechanically or pneumatically, makes the device function as a push/pull unit and reduces the wear on its moving parts.) If cylinder dogging is required, the standard cylinder dogging is not available.

When activated pneumatically, the latch bolt(s) of the exit device retract in ½ to 1½ seconds. This pneumatic operation uses air pressure ranging from 50 to 100 pounds per square inch.

This product will function only when it is part of a pneumatic system (air compressor, air lines, pneumatic system, etc.).

Contact LCN for correct control boxes.

To order, specify:

- Standard – Use prefix PN, example PN33ANL
- Hex Key Dogging – Use prefix HD-PN, example HD-PN33ANL
- Special Center Case Dogging (handing is required, specify RHR or LHR) – Use prefix SD-PN, example SD-PN33ANL

Pneumatic transfer (PNT)

Pneumatic controls

PNT-1 is available for pneumatic latch retraction exit devices. Appearance and dimensions are identical to EPT models.

Weep holes (WH)

WH is available for all 33A/35A Series exit devices. Weep holes are ideal for devices that are mounted to exterior doors that can be exposed to rain and other elements. Hole spacing on 3' and 4' devices devices are every 6" on center. A 3 foot device will have 5 holes, a 4 foot device will have 7 holes.

To order, specify: Suffix WH, 33AEO-WH.

Fortified exit rim devices (FER)

The Von Duprin® 33A/35A series offers Fortified exit rim (FER) devices for use in applications desiring additional security and in systems undergoing ASTM F3561-22 testing. The FER device has design enhancements to add extra reinforcement, including a cast steel center case (33A/35A) chassis. Armored trim plates will also be used with the EO (Exit Only) devices. Von Duprin® launched the FER 33/35A devices on November 4, 2024.

FER (Fortfied Exit Rim) Devices	
Series	33A/35A narrow stile
Device type	Rim
Functions	EO (with 388-FER trim plate) NLOP (388 trim)

FER Options	
Door width	3'- 3 foot device 4'- 4 foot device
Handing	LHR - Left hand reverse RHR - Right hand reverse
Touchbar options	PUSH - Touchbar trim embossed 'PUSH' RSS - Red silk-screened lettered touchbar trim SG - Safety glow

For double door applications:

- For ASTM F3561-22 requirements, must use 48/4954 mullion and TruLite Doors
- For other security and safety applications, 98/9954 mullion can be used.

Storm options

Hurricane rated exit devices and mullions

Hurricane resistant openings are designed to withstand storm conditions for long periods of time while maintaining the structural and functional integrity of the opening. The primary purpose is to not only prevent debris and wind from penetrating the assembly but also to maintain functionality after the storm.

Hurricane codes and applications

Florida was the first state to develop hurricane codes. As a result, the requirements set by the Florida Building Code (FBC) may be adopted by jurisdictions in other states where hurricane protection is a necessity. The appropriate hurricane solution depends on the specific requirements for the application. Contact your local Allegion consultant for the specific requirements in your state.

Hurricane rated devices

Wind and Impact

FBC TAS 201, 202, 203
[Wind and Impact zone (HVHZ) ASTM E1886, ASTM E1996, ASTM E330]

Exterior door assemblies certified for installation within the Florida High Velocity Hurricane Zone (coastal region of the state) are subject to specific tests for both wind speed and flying debris called out in the TAS protocols of the Florida Building Code. Impact, structural, and cyclic tests must be conducted on full assemblies (e.g., exit device and door) as part of the standard.

Wind-Only

ANSI-ASTM E330 [Wind-Only (non-impact zone)]

Exterior door assemblies certified for installation in non-impact regions (typically inland regions) are tested for structural integrity in accordance with ASTM E330 for wind-only applications. These doors are subject to a structural test load equal to 1.5 times their actual design pressure rating, and they must remain operable with no breakage of glazing panels.

To order, specify:

1. Use prefix “HH” for wind and impact or “HW” for wind-only. If application is unknown, specify HH device, which will satisfy both applications.
2. Model number and description
3. Door mode: SGL (single) or PR (pair)

Example: HH3347A 3' 626 PR

Note: Many hurricane rated devices use standard device components. Devices will be furnished with the proper strikes and components if HH or HW is specified. All HH devices will include through bolts. Pricing will be adjusted accordingly. See Von Duprin price book for details.

Storm options

Hurricane rated mullions

Wind and Impact

- Designed for use with these HH (Wind and Impact) rated devices:
  - HH98/99 (specify devices with 499F strikes)
  - HH98/9957 (specify devices with 499F strikes)
  - HH-XP98/99 (specify devices with 909 or 954 strikes)
  - HH88-F (specify devices with 468 strikes)
- Steel mullion
- Furnished for 8' doors; cut in field as needed
- No KR or electrified options available
- Furnished blank (no strike prep)
- Mullion tube and fittings are unique from are not interchangeable with 9954

Panic and fire-rated applications

- HH9954

To order, specify:

1. HH9954 x Finish (689 or 695)

Wind-Only

- Designed for use with HW (Wind-Only) rated devices
- Identical to standard mullions, except for hurricane rated bottom fitting mounting hardware

Panic applications

- Steel - 1654, 4954, 4954-XP
- Aluminum - 5654, 5654-XP, 5754

Fire-rated applications

- 9954, 9954-XP

To order, specify:

1. Use KR if keyed removable option is desired (steel mullions)
2. HW
3. Model number
4. Height of opening
5. Finish
6. Strikes, when required, should be ordered with device

   Example: KR-HW9954 7' 689

Application	Model	Single door	Double door	
		Standard strike	Mullion	Standard strike
HH (Wind and Impact Rated) All impact rated devices require mounting with through bolts. Through bolts are furnished standard with all 33/35 series devices.	HH3347A/3547A*	Top: 338 Bottom: 304L	—	Top: 338 Bottom: 304L
	3347A-F/3547A-F	—	—	Top: 338 Bottom: 304L
	3349A/3549A	Top: 249 Bottom: 349	—	Top: 249 Bottom: 349
	3349A-F/3549A-F	—	—	Top: 249 Bottom: 349
HW (Wind-Only)	33A/35A	299	4954 or KR4954	299
			1654 or KR1654	1606
			5654	299
			5754	1408
	33A-F/35A-F	299F	9954 or KR9954	499F
	3327A/3527A	Top: 299 Bottom: 304L	—	Top: 299 Bottom: 304L
	3327A-F/3527A-F	—	—	Top: 299F Bottom: 304L
	3347A/3547A	Top: 338 Bottom: 304L	—	Top: 338 Bottom: 304L
	3347A-F/3547A-F	—	—	Top: 338 Bottom: 304L
	3349A/3549A	Top: 249 Bottom: 349	—	Top: 249 Bottom: 349
	3349A-F/3549A-F	—	—	Top: 249 Bottom: 349

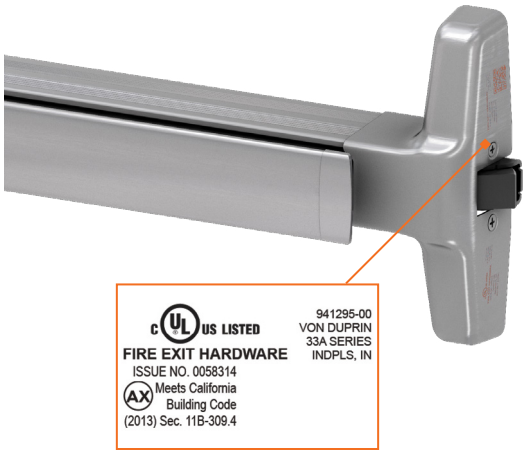
* HH33/3547A is furnished with double latch brackets and requires template #10057.

Disclaimer: Hurricane rated exit devices for use when paired with Allegion approved doors.

Accessibility options

Accessible device (AX)

The AX device is a UL certified exit device designed to meet the progressive requirements of the California Building Code for accessible openings. This device meets the 5 lbs of operating force requirement called for in chapter 11B-309.4. The AX device also exceeds ANSI/BHMA requirements. Available devices include: AX33/35A, AX33/35A-F, AX33/3549A LBL, AX33/3549A-F LBL, AX33/3549A-F LBLAFL. Additionally, all AX devices will be shipped with a new UL label clearly stating “Meets California building Code (2013) Sec. 11B-309.4” and an “AX” identifier label on device center case. See images for reference.



Latches

Less bottom rod, panic and fire rated (LBR)

LBR option is available, using a spring loaded auxiliary latch bolt installed in the lower door edge. When exposed to heat the auxiliary latch bolt releases, keeping the doors in alignment and closed during a fire. UL listed 3 hours on hollow metal doors double egress, 90 minute swinging same direction, and 20 minutes wood doors (consult wood door manufacturer). Fits door stiles as narrow as $3^{5}/_{8}$".

LBR devices must be ordered in pairs or must be used in conjunction with an approved automatic or constant latching flush bolt.

Pullman latch (PL)

When PL is specified the standard latches are replaced with pullman style latches. Pullman latches are always extended and are most commonly used in conjunction with electric strikes and LBR-less bottom rod application. Not available with Fire rated devices.

Note: Not recommended where security is of the utmost importance since latches do not deadlock.

Push pads

Dummy push pad

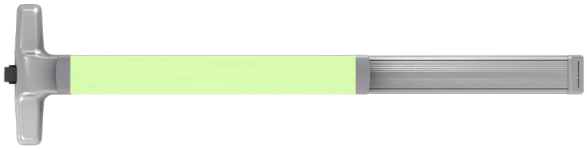
The 330 dummy pushpad is designed as a companion unit for all 33A devices. The 350 dummy pushpad is a companion unit for all 35A devices. The pushpad is rigid or nonfunctioning. A push/pull operation can be accomplished by using 386DT, 360L-DT, 550DT, 392-6 trim or any Ives pull.

The 330/350 can be equipped with a functional pushpad and will accommodate an RX switch. Specify RX-330. May also be equipped with the RX2, double RX switch. Specify RX2-330.

To order, specify:

1. 330 or 350
2. Size 3' or 4' (914mm or 1219mm)
3. Finish – 605, 606, 612, 625, 626, 628, 710 and 622/711 (630–350 only)

Safety glow (SG)



Self-illuminating touchpad defines the location of the exit door in dark or smoke-filled area. The Safety Glow coating is a special powder coat finish that glows brightly during low or no light conditions. This coating was developed to meet MEA standards where luminescent exit door markings are required in commercial facilities. There are no batteries or electronics, the coating is charged when exposed to light.

To order, specify: Suffix SG, EL 33A27A-SG

Red silk screen (RSS)

Red silkscreen lettering on touchpad trim. "Emergency Exit Only, Push To Open And Sound Alarm." This comes standard on SS devices.

To order, specify: Suffix RSS, 33A27L-RSS RHR

Braille, embossed and knurled touchpads

* Image shown is a special order.

Braille touchpad embossed with the standard message “CAUTION STAIRWELL” in braille and raised letters provides assistance to persons with impaired vision. Letters are ½" (13mm) high and braille is #2, raised height is 3⁄32" (2mm). Other messages are available on special order, limited to 20 characters per line.*

To order, specify: Suffix BR, EL33A27L-BR

Embossed touchpad is embossed with the word “PUSH”.

To order, specify: Suffix EMB, EL33A27L-EMB

Knurled touchpad is to provide warning to persons with impaired vision.

To order, specify: Suffix PBKN, EL33A27L-PBKN

* Consult factory for availability.

Latch retraction

Quiet electric latch retraction (QEL)

Quiet electric latch retraction (QEL) provides electronic control of an exit device for environments where limited operational noise is desired. These devices always provide mechanical egress. The electrified latch retraction can also be activated by an access system or building automation system to unlatch the exit device momentarily. Often the QEL is used with a credential reader and access control system to unlock the door momentarily for authorized users.

The QEL can also be configured to electronically retract the latch for an extended period of time to allow free entry. This is a convenient alternative to mechanical dogging. If manual dogging is required, the hex dogging option is available, to order specify HD-QEL.

The QEL option is available on panic devices and fire rated devices. UL approved for Class II circuit applications.

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS902 or 914 power supply.

The PS902/914 with the 2RS, 4RL or 4R board is the minimum required. Other option boards available for other functions, see PS902/914 power supply for additional information.

The QEL has a low in rush current, so it can be used with standard Schlage power supplies. Calculate the peak current draw of all devices in the system to determine the required amperage of the supply.

The -2RS option board is designed to control two electric latch retraction devices and provide time delay between the firing of outputs is required. The power transfer is also sold separately.

To order, specify:

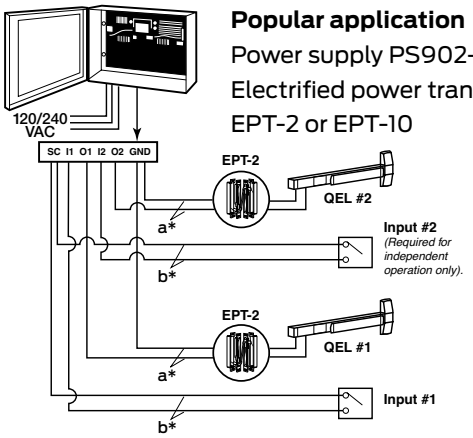
1. Standard — use prefix QEL, example QEL33A-L

QEL Electrical load

Voltage	24VDC
Current	1.0 A Inrush (0.5 sec.) / 0.14 A Holding / 2.0 A Calibrate (3 sec. one time)

Minimum door opening widths

Application	Surface vertical	Concealed vertical	Rim
Min. door opening	28 1/4"	28 1/4"	29 1/4"



Popular application
Power supply PS902-2RS
Electrified power transfer
EPT-2 or EPT-10

a*

Distance (one-way)	Wire gauge
200 '	18 AWG
320 '	16 AWG
500 '	14 AWG
800 '	12 AWG

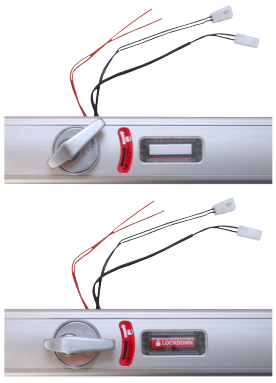
b*

Wire selection	Switch wire size
1200 ft. Max.	18 gauge standard

Emergency secure lockdown (ESL)

The emergency secure lockdown (ESL) option is ideal for high-occupancy spaces, such as auditorium-style classrooms with access control

Occupants can turn the thumb turn (or cylinder key) of the ESL option installed, interrupting the power to the QEL motor, and electronically undogging to secure pull side of the door as well as sends a signal to the access control system. The visual indication assures the occupant the exit device has been put into secure lockdown mode.



To order, specify:

1. Suffix: ESL Emergency secure lockdown.
2. Specify device type and length with the ESL option.
3. Specify handing and finish.

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Delayed egress

The Chexit® (CX) (with motor driven blocking actuator)*

The Von Duprin Chexit device is designed for controlled egress applications. It meets both life safety and security needs, as well as the requirements of NFPA 101 for "Special Locking Arrangement" and IBC "Special Egress-Control Devices." All control inputs, auxiliary locking, local alarm and remote signaling outputs are self-contained in the Chexit assembly. Numerous configurable options allow the device to be customized for the specific code or application requirements. The standard Chexit device sounds an alarm and keeps the door secured for 15 seconds following an exit attempt with immediate release upon fire.

The Chexit device includes a 6" x 20" decal for application on door. “PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS”

Chexit typical applications

Chexit single door with options – The Chexit is used as an access control device. The card reader allows access. Also shown in this application is an external horn and door position switch. The auxiliary horn is used for increased volume in remote locations. Using a door position switch gives added security to the opening in case the door is not reclosed.

With the Chexit disarmed, the opening functions as a normal exit device. If card readers are required on both sides of the door, the normally closed contacts of the readers should be wired in series.

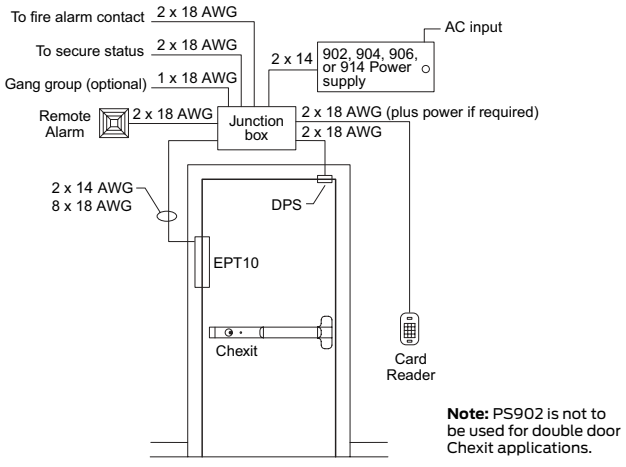


Figure 1. Riser diagram, single door

Minimum door opening sizes for CX devices

(Consult factory for other size requirements)

Device	3' (914mm) Length	4' (1219mm) Length
CX33A/35A	2'10 3/4" (883mm)	3'4 3/4" (1035mm)
CX3327A/3327A-F/3527A/3527A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3347A/3347A-F/3547A/3547A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3348A/3348A-F/3548A/3548A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3349A/3349A-F/3549A/3549A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3350/3350WDC-F/ 3550/3550WDC-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)

Specifications / Power supply requirements[1]

Input voltage – 24VDC
Input current inrush – 1.25A
Input current holding – 390mA
Alarm relay and Secure relay contact ratings – 24VDC, 1A
Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

Power supply information for CX devices with motor driven blocking actuator[1]

Power supply	Maximum number of devices
PS902 (up to 2 amps)	1 Chexit device
PS904 (up to 4 amps)	3 Chexit devices
PS906 (up to 6 amps)	4 Chexit devices
PS914 (up to 4 amps)	4 Chexit devices

Note: When powering multiple components, verify that the amperage requirements of all components combined does not exceed the power supply output rating, see table above for output ratings. Consult Installation Instructions for proper wire gauge and wire run requirements. Exceeding the recommended devices and/or not following Installation Instructions may void your warranty. Call Customer Care at 877-671-7011 or visit the Allegion website for more information - www.us.allegion.com.

To order, specify:

1. Prefix product description number “CX” Example: CX33A-L
2. Specify option (see options on page 4); example: CX-RCM
3. Door size other than 3' (914mm)
4. Door thickness other than 1 3/4" (45mm)
5. Finish

1. Chexit devices built after August 24, 2015 are built using motor driven blocking actuators that have decreased power supply and operating requirements. The information listed in this catalog references the power supply and operating requirements that are needed for the new products with motor driven blocking actuators. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

Delayed egress

Chexit, RCM and DE5300 features

The Chexit, remote chexit module (RCM) or DE5300 devices have several features and options available to fit your applications. See below for more information.

Inputs and outputs

Fire alarm input

This input releases the door immediately upon a fire alarm allowing immediate egress. The internal alarm can be silenced during a fire input via an onboard switch setting.

Inhibit input (access control)

This optional input is provided to allow authorized egress or entry when the device is armed using an external card reader, key switch, etc. It also allows remote reset of the Chexit, RCM or DE5300 in an alarmed condition. The ability to reset alarms with the inhibit input can be disabled via an onboard switch setting.

Door position switch input

An optional door position switch (DPS) can provide door position status to Chexit, RCM or DE5300 for additional security, ensuring that the door is closed, and can cause alarm when the door is left or forced open.

Gang bus

The gang bus allows a Chexit, RCM or DE5300 device to signal other Chexit, RCM or DE5300 devices when it enters the release delay, allowing multiple doors to release at the same time in an emergency. Up to 8 devices may be connected to the gang bus.

Alarm relay contacts

The alarm relay contacts are provided as a means to control a remote alarm, such as a horn or lamp, or signal an external monitor. The contacts can be configured with a jumper as normally open or normally closed, and become active upon entering an alarmed condition.

Secure relay contacts

The secure relay contacts are provided as a means to signal an external monitor. The contacts can be configured as normally open or normally closed with a jumper, and become active when the dps indicates the door is closed and the push pad is locked.

Delays

Release delay

When the push pad is pushed and the nuisance delay expires, the Chexit, RCM or DE5300 enters the release delay with alarm. During the release delay, the internal alarm sounds, the alarm relay activates, and the Chexit/RCM keeps the push pad or DE5300 magnetic lock, locked for 15 seconds (less any time already elapsed during the nuisance delay). Once started, the release delay sequence will not stop and the devices will unlock.

Nuisance delay

When a Chexit, RCM or DE5300 is located in a public area, it can be desirable to limit false releases when the push pad is accidently pushed. The nuisance delay is the brief time a push pad can be accidently pushed before the release delay sequence starts. If the nuisance time is set to 0 seconds the Chexit, RCM or DE5300 will enter release delay as soon as the push pad is pushed (when armed). Setting the nuisance time to 1, 2, or 3 seconds allows the push pad to be pressed for 1 to 3 seconds before the Chexit, RCM or DE5300 goes into release delay. If the nuisance audio and nuisance delay are both on, the internal alarm will pulse during the nuisance delay. The alarm relay does not activate during the nuisance delay. If the push pad is released before the nuisance delay expires, the Chexit, RCM or DE5300 will remain armed.

Delayed egress

Chexit, RCM and DE5300 features (continued)

Rearm delay

The rearm delay is the amount of time after the key switch or inhibit input is deactivated to when the device rearms. It is designed to give someone time to pass through the door before rearming occurs. The rearm time can be changed via the onboard switch settings from 0 and 28 seconds in 2 second increments. If the rearm time is set to 30 seconds and a DPS is used, if the door is opened and the rearm time expires, there will be no alarm. The Chexit, RCM or DE5300 will rearm after the door is closed. If the door never opens, the Chexit, RCM or DE5300 will rearm after 30 seconds. If not using a DPS, the Chexit, RCM or DE5300 will always rearm in 30 seconds.

DPS delay

If the DPS detects that the door closed during the rearm delay, the Chexit, RCM or DE5300 ends the rearm delay and allows 2 seconds for the latch to clear the strike before rearming.

Interface

Key switch

The Key Switch provides the means to Arm or Disarm/Reset the Chexit, RCM or DE5300. Turning the Key Switch clockwise initiates the Rearm Delay, and turning the Key Switch counter-clockwise Disarms/Resets the Chexit, RCM or DE5300. The Key Switch allows the key to be removed in either the Arm or the Disarm/Reset position.

Status indicator

The red Status Indicator displays the status of the Chexit, RCM or DE5300. The Status Indicator flashes slow if the Chexit, RCM or DE5300 is armed, flashes fast in an alarmed mode, is off when inhibited and on solid during Rearm Delay.

Internal alarm

The Internal Alarm sounds the status of the Chexit, RCM or DE5300. The Internal Alarm sounds continuously during and after a fire alarm or a Release Delay, pulses fast during the Nuisance Delay or a tamper and pulses slow during Disarmed Powerup mode.

Settings

Armed powerup

When set to OFF, a power disruption and power return will put the Chexit, RCM or DE5300 in a disarmed, unlocked alarm mode.

Trim fail safe / fail secure (FS/FSE)

The trim input power can be set to FS (Fail Safe; locked when energized, unlocked when deenergized or during power failure) or FSE (Fail Secure; unlocked when energized, locked when deenergized or during power failure).

The trim must be bought or modified to physically function as FS or FSE. This on board setting only selects the trim input power.

Trim operation overview

Rim and vertical application: Trim will not function when Chexit is armed.
Mortise application: Trim will function when Chexit is armed.

Chexit requiring pull side operation

	Mechanical trim	Electric Trim
Rim and vertical	Access control disarms Chexit. Rotate lever to enter.	Access control disarms Chexit and unlocks electric trim. Rotate lever to enter.[1]

1. Fail Secure Trim recommended. For Fail Safe applications, contact technical support to review application.

Delayed egress

Remote Chexit Module (RCM)

Designed to provide the concept of the Chexit delayed exit system for door sizes smaller than the standard Chexit device can accommodate. The Chexit module is installed in a control box and mounted in a remote location. Features and functions of the standard Chexit exit device are available on the Remote Chexit Module.

RCM Module

Minimum door opening sizes for RCM devices

(Consult factory for other size requirements)

Device	3' (914mm) Length	4' (1219mm) Length
CX-RCM33A/35A	2'5" (737mm)	2'11" (889mm)
CX-RCM3327A/3327A-F /3527A/3527A-F	2'4 ½" (724mm)	2'10 ½" (876mm)
CX-RCM3347A/3347A-F /3547A/3547A-F	2'4 ½" (724mm)	2'10 ½" (876mm)
CX-RCM3348A/3348A-F /3548A/3548A-F	2'4 ½" (724mm)	2'10 ½" (876mm)
CX-RCM3349A/3349A-F /3549A/3549A-F	2'4 ½" (724mm)	2'10 ½" (876mm)
CX3350/3350WDC-F/ 3550/3550WDC-F	2'4 ½" (724mm)	2'10 ½" (876mm)

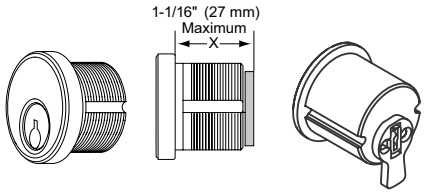
Specifications / Power supply requirements*
Size – 3.75" x 5.57" x 2.50"
Input voltage – 24VDC
Input current inrush – 1.25A
Input current holding – 390mA
Alarm relay and Secure relay contact ratings – 24VDC, 1A
Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

* RCM modules built after August 24, 2015 are built using motor driven blocking actuators that have decreased power supply and operating requirements.

Note: The information listed in this catalog references the power supply and operating requirements that are needed for the new products with motor driven blocking actuators. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

Cylinders

Cylinders are not furnished with the Chexit device and must be specified when ordering. Use 1 ¼" mortise cylinder with compression ring 36-083 with straight cam and orient cam as shown. Schlage cylinder 20-001-114 is recommended.



Note: RCM modules built after August 24, 2015 are built using motor driven blocking actuators that have decreased power supply and operating requirements. The information listed in this catalog references the power supply and operating requirements that are needed for the new products with motor driven blocking actuators. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

Delayed egress system

DE5300 system

Designed for controlled egress applications when used in conjunction with a magnetic lock. It meets both life safety and security needs, as well as the requirements of NFPA for "Special Locking Arrangement" and IBC "Special Egress-Control Devices". All control units, auxiliary locking, local alarm and remote signaling outputs are self-contained in the DE5300 assembly.

DE5300 Module

The DE5300 is commonly used on narrow stile doors where a standard or narrow stile Chexit is not practical. DE5300 Delayed Exit System uses a Chexit logic board and a Von Duprin RX-LC (low current request to exit) panic device to control a Schlage Electronics Direct Hold Magnetic Lock.

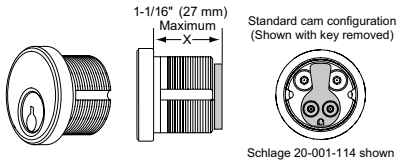
The Chexit module for the DE5300 is installed in a control box and mounted in the wall adjacent to the door. Features and functions of the standard Chexit exit device are available on the DE5300.

The DE5300 device includes a 6" x 20" decal for application on door.

“PUSH UNTIL ALARM SOUNDS.
DOOR CAN BE OPENED IN 15 SECONDS”

Cylinders

Cylinders are not furnished with the DE5300 and must be specified when ordering. Use 1 1/4" mortise cylinder with compression ring 36-083 with straight cam and orient cam as shown. Schlage cylinder 20-001-114 is recommended.



Specifications / Power supply requirements
Size - 3.75" x 5.57" x 2.50"
Input voltage – 24VDC
Input current – 1A
Alarm relay and Secure relay contact ratings – 24VDC, 1A
Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

To order, specify:

1. DE5300
2. M420/P, M450/P, or M490/P magnetic lock (order direct from Schlage Electronics)
3. RX-LC 22/33A/35A/98/99 device.
4. PS900 Series
5. EPT-2/10

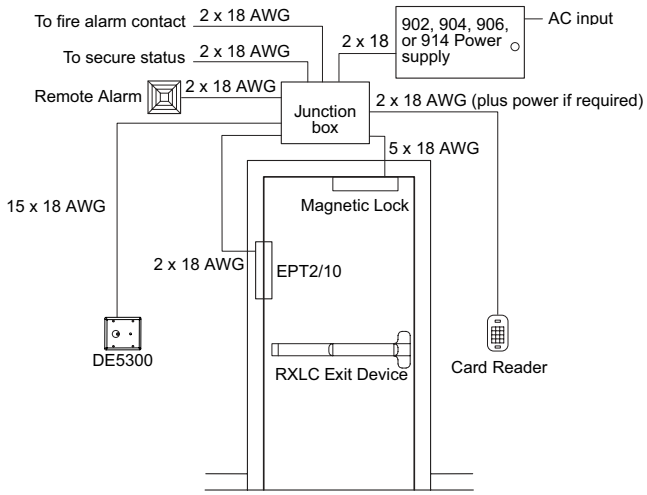


Figure 1. Riser diagram, single door

Switches

Request to exit (RX)

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the pushpad.

The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply. A continuous current electric transfer must be used for transferring power from the frame to the door.

The RX switch option should not be used to control a load, but as a signalling switch (0.5 amps. resistive maximum). The RX switch is available in a low current (LC) switch. Most commonly used in computer operated monitoring systems.

To order, specify:

1. Standard – use prefix RX, example RX33AEO
2. Low Current – use prefix RX-LC, example RX-LC35AEO

Double request to exit (RX2)

The RX2 feature uses two RX switches.

To order, specify:

1. Standard – Use prefix RX2, example RX233AEO

Waterproof request to exit (WP-RX)

- Switch rated to IP67 – protected from contact with harmful dust and from immersion in water with a depth of up to 1 meter (3.3 feet) for up to 30 minutes

Note: All in-field electrical connections should be in compliance with IP67 to ensure trouble free operation.

Latch bolt monitoring (LX)

The LX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latch bolt. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply. A continuous current electric transfer must be used for transferring power from the frame to the door.

The LX switch option should not be used to control a load, but as a signalling switch (0.5 amps. resistive maximum).

The LX switch is available in a low current (LC) switch. Most commonly used in computer operated monitoring systems.

To order, specify:

1. Standard – Use prefix LX, example LX33AEO
2. Low Current – Use prefix LX-LC, example LX-LC35AEO

Electrical rating for all switches

1. Standard – 2 amp maximum @ 24VDC
2. Low Current (LC) - below 50 Milliamps @ 24VDC

Note: All switches can be either factory or field installed

Signal switch (SS)

The SS feature is used to signal the unauthorized use of an opening. This device is equipped with two internal SPDT switches. One switch monitors both the pushpad and the latch bolt assembly, making the latch bolt tamper resistant, for positive security. An additional SPDT switch is connected to the 1 ¼" (32mm) mortise with straight cam for alarm "bypass." (Schlage cam reference B502-191). The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply. A continuous current electric transfer must be used for transferring power from the frame to the door.

To order, specify:

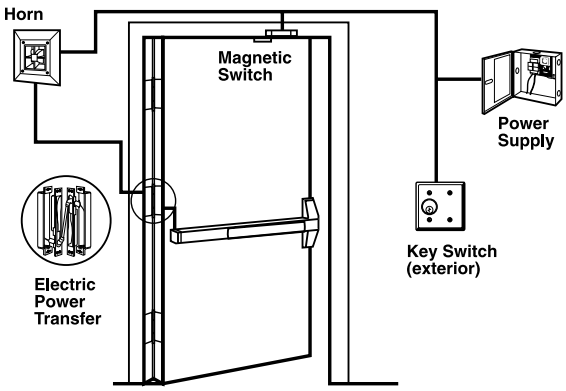
1. Prefix SS, example SS33AL
2. Handing required, LHR or RHR

Electrical ratings

- Up to 2.0 amps @ 24VDC

Popular SS application

Unauthorized use of this opening will activate the local horn. The key switch permits inhibiting this system for authorized entry.



Remote monitoring and remote undogging

Remote monitoring

Remote monitoring, RM, provides visibility to request to exit (RX), latch bolt monitor (LX) and door position switch (DPS). RM is available as a modular kit that can be added to any existing Von Duprin 98/99 or 33A/35A series device. RM provides power source flexibility and can be battery powered or has the ability to be hard-wired.

For customers desiring real time monitoring, RM is designed to connect to Allegion's Software Alliance Members via IP. The RM can also be used with RSI connection to the ENGAGE™ gateway for daily schedule reporting. For more information about RM system capabilities and compatibilities, contact your local electronic sales engineer.

Remote undogging

Remote undogging, RU, option is a battery powered wireless solution that enables remote undogging and door status monitoring. The door status monitoring provides visibility to request to exit (RX), latch bolt monitor (LX) and door position switch (DPS). It enhances perimeter security by providing electronic override of mechanical dogging for emergency facility lockdown. RU provides power source flexibility and can be battery powered or has the ability to be hard-wired.

RU is available as a modular kit that can be added to any existing Von Duprin 98/99 or 33A/35A Series device. For customers desiring real time lockdown and monitoring, RU is designed to connect to Allegion's Software Alliance Members via IP. The RU can also be used with RSI connection to the ENGAGE™ gateway for daily schedule reporting. For more information about RU system capabilities and compatibilities, contact your local electronic sales engineer.

Alarm kit

ALK Alarm Kit is a simple yet effective way to deter unauthorized use of an opening. While the exit device is still a means of egress, the ALK kit contains an internal horn. When the touch bar is depressed, the horn sounds to provide an audible means of signaling that the opening has been violated. The alarm kit can be armed or disarmed by key thus allowing the exit device to be set in an armed or disarmed mode. The horn is rated at 85 decibels.

For Hardware Applications

The assembly includes both a 24VDC Input and External Inhibit standard. The External Inhibit provides remote arming and disarming.

The key switch uses a standard 1 1/4" (32mm) mortise cylinder with a straight cam (Schlage 20-001, L583-477 cam). The unit operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal.

Auto reset (AR) option is available with this kit. This kit allows the device to resume the alarm option after a preset time. Preset times can be field selected at 1.5, 3, or 4.5 minutes. Alarm kits are available with a choice of two switch kits, RX or LX. RX monitors the touchpad and is furnished standard. LX optional latch bolt monitoring is recommended for use with surface vertical rod exit devices or when alarm needs to sound from both the exit device and trim side of the door. Specify ALK-LX.

The ALK is available in two styles, 33ALK, grooved cover and 35ALK, smooth cover.

The ALK includes a 6" x 20" decal for application on door "EMERGENCY EXIT ONLY. ALARM WILL SOUND." RSS push bar trim can be used instead of the door decal, specify RSS push bar trim when ordering the device.

When the ALK is used, standard dogging is removed. If cylinder dogging is required for 3' or 4' doors, the ALK can be moved to the hinge side of the device and standard cylinder dogging can be added.

To order, specify:

1. Standard, 33A ALK
2. Cylinder dogging, CD35A ALK

Minimum door opening sizes on ALK applications

Device	3' (914mm) Length	4' (1219mm) Length
33A/35A	2'9" (838mm)	3'3" (991mm)
3327A/3527A	2'8" (813mm)	3'2" (966mm)
3347A/3347A-F | 3547A/3547A-F	2'8" (813mm)	3'2" (966mm)
3348A/3348A-F | 3548A/3548A-F	2'8" (813mm)	3'2" (966mm)

Electrified trim

E360 electric lever trim

Specify Fail Safe (FS) or Fail Secure (FSE). 24VDC furnished standard, 12VDC available through special order.

To order, specify:

1. Prefix lever or thumbturn control with "E" Example: E360L-BE, E360T-BE
2. E360LBE, E360TBE functions
3. 01, 02, 03, 05, 07, 12, 16, 17, Latitude (LAT)
4. Special order 6: 03-SS1, 06-SS 1, 17-SS 1, 18, Accent (ACC), Asti (AST), LAT-SS 1, Longitude (LON), LON-SS 1, Merano (MER)

Power supplies

PS900 Series power supplies

The PS900 Series is a consolidated line of power supplies and accessories that offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 Series can be used in a variety of applications to convert high voltage AC power into the regulated low voltage DC outputs required by most access control devices. The PS900 Series protects devices downstream by providing Class 2[1], filtered and regulated power. The full line is UL294 certified.

Features

- Constant output rating at both 12VDC or 24VDC provides superior performance; includes field selectable jumper
- Flat mounting of option boards provides easier access to terminal blocks for connection of electrified devices
- High voltage protective cover
- Battery back-up board auto-selects voltage
- Fire alarm relay can be configured to provide either switched or un-switched outputs from a power supply
- PS914 designed with high inrush current for powering electrified panic devices
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Fused primary input
- AC status monitor- isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover with lock down screws
- Optional keylock

Certifications

- UL 294 certified—the standard for access control
- Class 2 rated[2]

PS900 Series power supplies

The PS900 Series offers a variety of distribution options, including basic fuse protection, simple relay, and advanced logic providing complex sequencing and timing functions.

Connectors on the power supply

Product	Schlage PS902	Schlage PS904	Schlage PS906	Von Duprin PS914
Amperage	2 amps	4 amps	6 amps	4 amps with 16 amp inrush
Distribution boards	1	2	3	2
Battery back-up board	1	1	1	1
EL Compatible	No	No	No	Yes

Applications

The PS900 Series of power supplies works with many electrified devices including Schlage electromagnetic locks, Schlage AD Series hardwired locks, Schlage electrified mechanical locks, Von Duprin electrified strikes, Von Duprin exit devices and many other brands.

Accessories

The PS900 Series features seven option boards for use in a variety of applications. All PS900 Series power supplies option boards are UL 294 certified.

Option boards

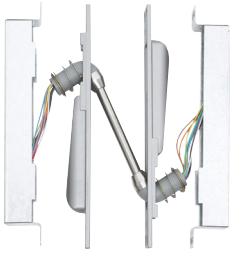
- **900-4R:** 4 relay controlled output board to power multiple devices
- **900-4RL:** 4 relay distribution board with logic is field configurable for time delay function, auto operator, security interlock
- **900-8F:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-8P:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-FA:** Emergency interface relay integrates with fire alarm and is used to cut power in case of emergency[2]
- **900-BB:** Battery backup
- **900-2RS:** 2 relay control board for electric latch panic devices (EL or QEL), electric strikes or electrified trim
- **900-BBK:** Battery backup kit includes two 7A/hr batteries and provides up to four hours of backup power when cycled every 5 minutes at full load

1. PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.
2. Except PS906, output rating exceeds Class 2 power limits.
3. PS906, output rating exceeds Class 2 power limits, but can provide Class 2 rated outputs when used with 900-8P distribution board.

Electrical and pneumatic power transfers

Electrical power transfer (EPT)
Pneumatic transfer (PNT)

Electrical Power Transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideal for installations involving abuse or heavy traffic.



Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires. The EPT-2 and EPT-10 are U/L listed as “miscellaneous door accessory”. UL Listed for use on fire doors.

Door applications

Degree of opening	Hinge type	Door thickness
0-180	Up to 5" butt hinges	1 3/4"
0-180	Up to 3/4" offest pivots	1 3/4"
0-130	5 1/2" butt hinges	1 3/4"
0-110	6" butt hinges	1 3/4"
0-90	Swing clear hinges	1 3/4"

Finishes

- 622 Powder Coated Matte Black
- 689 Powder Coated Aluminum
- 695 Powder Coated Dark Bronze

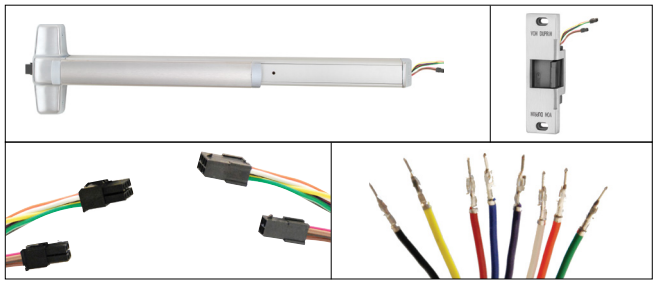
Dimensions

Housing	9" x 1 1/4" x 1 5/8" (229mm x 32mm x 38mm)
EPT-2	Two 18 gauge wires, Up to 2 amps @ 24VDC, with a 16 amps Maximum Surge
EPT-10	Ten 24 gauge wires, Up to 1 amps @ 24VDC, with a 16 amps Maximum Surge
PNT-1	5/32" Tubing

To order, specify:

1. EPT-2 ,EPT-10 or PNT-1
2. Finish: 622, 689, 695

Allegion Connect



Allegion Connect features common interconnect components for many cross-category electrified options. Allegion Connect is a quick and easy way to connect power sources. There is no wire cutting; reducing installation and maintenance time ultimately cutting cost. After installation, Allegion Connect continues to provide benefits throughout the lifetime of the opening by offering a service kit for repairs or modifications in the future.

Features and benefits

- Quick: common connections reducing installation time
- Perfect Connections: these factory installed connectors ensure the right wires match up every time
- Protective: the connectors protect the connection points throughout the installation process and lifetime of the opening
- Interchangeable: all Allegion Connect products utilize the same connectors
- Maintenance: you no longer need to cut away wire to disconnect Allegion products, also available is a service kit specifically for Allegion Connect products.

Harness length	Connectors on both ends	Connectors on one end, crimped pins on the other end
6 Inches	CON-6	CON-6P
12 Inches	CON-12	CON-12P
26 Inches	CON-26	CON-26P
32 Inches	CON-32	CON-32P
38 Inches	CON-38	CON-38P
44 Inches	CON-44	CON-44P
50 Inches	CON-50	CON-50P
192 Inches	CON-192	CON-192P
Power supply wire harness = connectors on one end, stripped leads on the other end.		
6 Inches	CON-6W - wire extension to power supply	

Consult door manufacturer for harness length requirements.

Note: You will need to purchase a separate wiring harness to go from exit device to hinge/EPT and an additional harness to go from hinge/EPT to power supply or access control system. Harness part numbers with ordering information can be located in the Schlage, Von Duprin and Falcon pricebooks. A service kit is available for order in the Schlage, Von Duprin and Falcon price books. Included in this kit are male end plugs, female end plugs and pins to customize harnesses to your application.

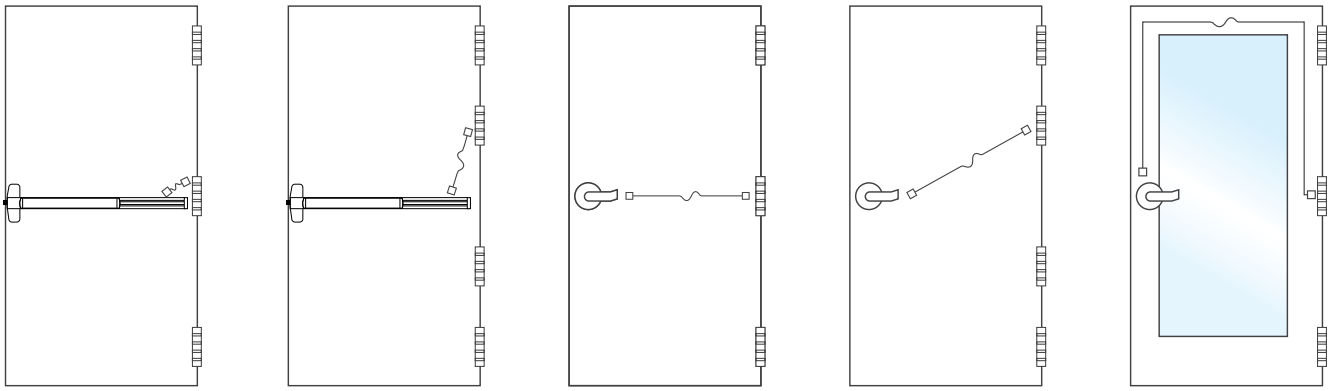
Note: Must be ordered with exit devices and locks.

Allegion Connect

To order, specify:

1. Specify CON for Connect electronic options
   Example: QEL-99-EO-CON
   (99 Series quiet electric latch retraction exit only with Connect connectors)
2. Specify harness length; Consult door manufacturer for harness length
3. Specify Von Duprin EPT10-CON or Ives electrical thru-wire hinge

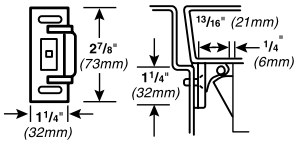
Wire run options



Strikes

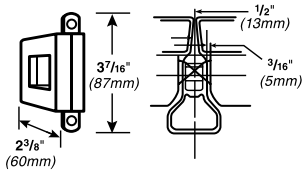
Strikes for rim devices

299



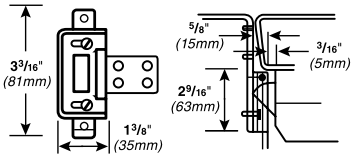
Projection 13/16" (21mm)

1408



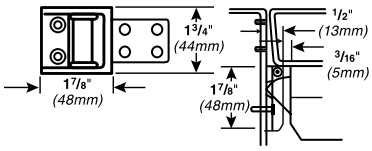
One per pair of doors

1410–Integral stop



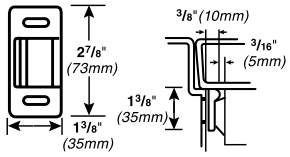
Projection 1/2" (13mm)

1439–Blade stop



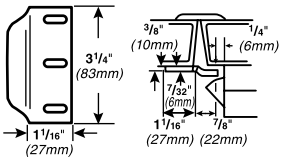
Projection 1/2" (13mm)

1606



Projection 3/8" (10mm)
(Panic devices only)

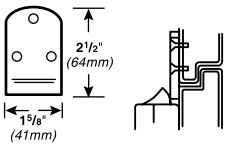
1609



- Requires coordinator
- For panic exit application only, not fire rated

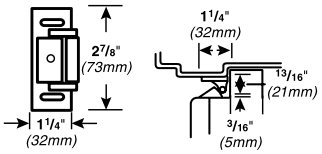
Strikes for vertical rod devices

260U-Flush transom only



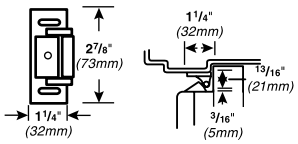
Projection 3/8" (10mm)

266



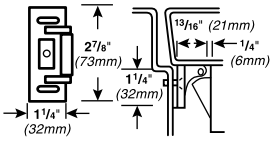
Projection 1 1/4" (32mm)

299



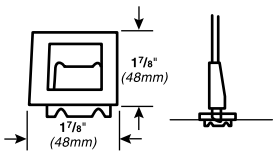
Projection 13/16" (21mm)

299F



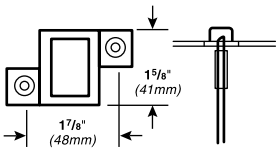
Projection 13/16" (21mm)

304L



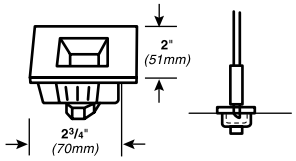
Mortise 13/16" (21mm)

338



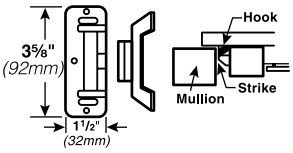
Mortise 5/8" (16mm)

385A



Mortise 2 1/2" (64mm)

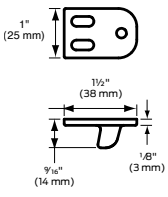
499F



Projection 13/16" (21mm)

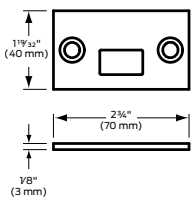
Strikes for vertical cable devices

249 - Top strike



Projection 9/16" (14mm)

349 - Bottom strike

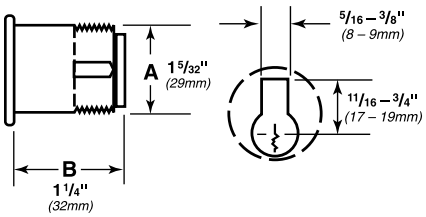


Projection 1/8" (3mm)

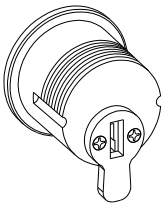
Cylinders

Cylinders are not furnished with device or trim and must be specified when ordering. Refer to trim pages for cylinder type.

Mortise — 3215
(Schlage 20-001, B502-191 cam)

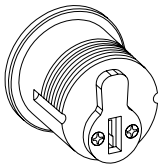


Dogged (inverted) cam



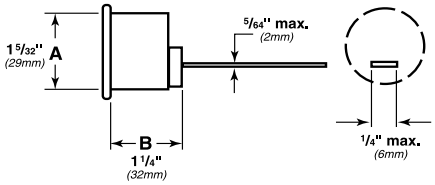
For cylinder dogging or 360L

Undogged cam (standard operations)



For standard trim functions or 360L-NL

Rim — 3216
(Schlage 20-022 cam)



Door kits

Vertical rod and latch guard (RG-27)

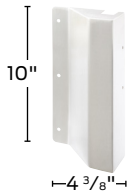
Rod guard

Series RG-27 Vertical rod and latch guards protect the bottom rods of exit devices from the damaging impacts of carts or gurneys passing through doors. (If bottom rods become damaged, the exit device will not function as intended and can jeopardize the ability to exit safely during an emergency.)

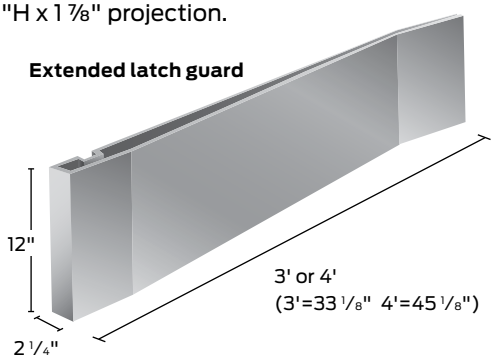
In addition to protecting the vertical rod, the guard provides a smooth, unobstructed surface so the door can be pushed open easily with the bumpers of a wheelchair. The latch guard portion is 10" high. The standard latch guard features a 45° ramp. The extended latch guard offers a continuous ramp in 3' or 4' widths.

All stainless steel construction in US32D finish. Latch guards can cover latches as large as 1 ¼"W x 10"H x 1 ⅞" projection.

Latch guard



Extended latch guard



Models

RGO	Rod guard only (projection 1 3/16")
RG-27	Rod and latch guard
RG-27-3	3' (914mm) Rod guard and extended latch guard
RG-27-4	4' (1219mm) Rod guard and extended latch guard
LGO	Latch guard only
LGO-3	3' (914mm) Extended latch guard only
LGO-4	4' (1219mm) Extended latch guard only

Note: When using on wood fire doors, high density block is required.

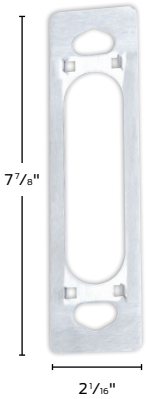
To order, specify:

1. Model number*
2. Handing (except on RGO)
3. Door material if other than hollow metal
4. Optional sex bolt mounting available

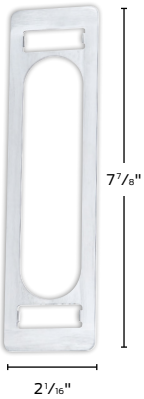
* RGO/RG-27 includes one rod guard only, which accommodates bottom or top rod up to 7' door.For longer top rods, specify rod guard quantity required.

Wood door applications cover plate kit (WDA)

For wood door applications, used to cover up door preparations for control, also prevents the control from boring into the wood door. Finished to match control.



#10WDA Cover plate kit for 370 Series controls



#33A-WDA Cover plate kit for 360 Series controls

Glass bead kit (GBK)

Glass bead conversion kits are available for all 33A/35A Series devices for use on doors with raised glass beads. Each kit consists of ¼" (6mm) shim sets. GBK for Surface vertical rod ships with ⅛" shims for rod guides.

To order, specify:

1. Device model shim kit. Example: 33A- GBK
2. Device type (Rim, Surface Vertical, or Concealed Vertical, Rod/Cable)
3. Finish

Mullions

Removable steel mullions provide single door performance in double door openings with rim devices. Mullions are easily removed by loosening bottom set screw and removing top fitting cover. The top mullion fitting is attached to the frame and is concealed by the fitting cover.

- Steel mullions are 2" (51mm) wide and 3" (76mm) deep, with a wall thickness of 1/8" (3mm)
- Mullions are shipped with mounting screws and prepared for strikes (strikes are not included except where indicated)
- Steel mullions are available in SP28 and SP313 finishes (Consult factory for other powder coat finish options)

Keyed removable steel mullions (KR)

KR mullions make removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without the use of the cylinder key. Uses a 1 1/4" mortise cylinder with a straight cam (Schlage cam reference L583-477). Cylinders are sold separately. Prefix mullion model with "KR".

Removable aluminum mullions are 1 1/16" (27mm) wide on face closest to the door and 2 3/8" (60mm) at the widest point. The depth is 3 1/8" (79mm) with a wall thickness of 1/8" (3mm).

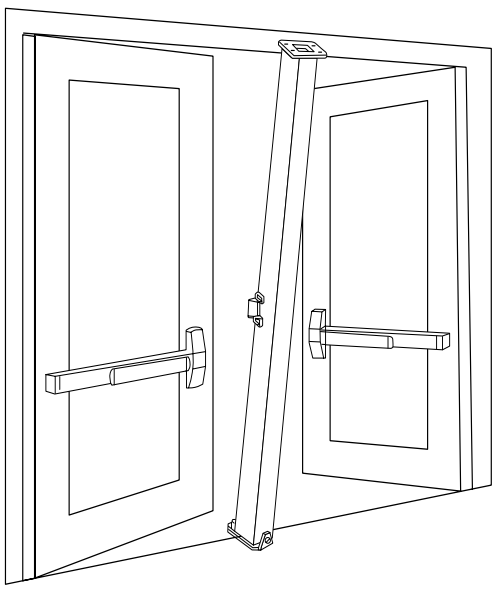
Aluminum mullions are available in 606, 612, 628, 710 and 622/711 finishes. Consult factory for other powder coat finish options. Aluminum mullions are not available keyed removable.

Stock hollow metal applications for devices mounted to cover ANSI 161 cutouts are higher than the standard mullion strike location. Consult the factory for special strike preparation or order a blank mullion. See below.

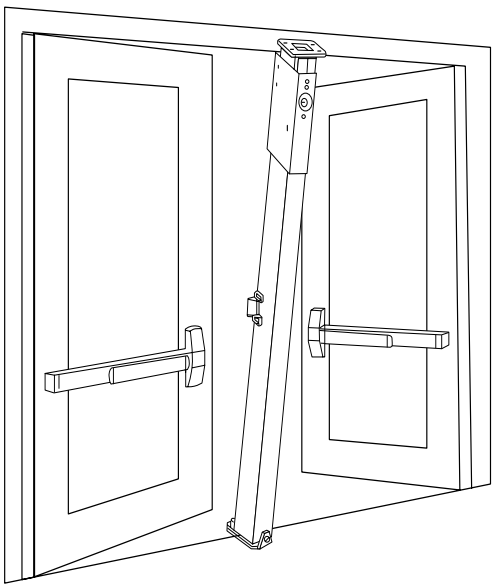
Blank mullions
are furnished without strike preparation. They are used to mount devices at a strike height different from the standard mullion preparation.

To order, specify:

1. For keyed removable option on steel mullions, prefix model number with "KR"
2. Model number
3. Height of opening
4. Finish
5. Handing if required
6. Centerline deviation (refer to device template for standard centerline)
7. Strikes, when required, should be ordered with device



Removable mullions



Keyed removable steel mullions

Steel and aluminum mullions

Steel mullions

1654 Prepared for two 1606 strikes. If 1606 strikes are not specified on the order, two per mullion will be added. Additional charges apply.

4954 Prepared for 264 or 299 strikes. For use with all Von Duprin panic rim devices.

9954 Prepared for and must be used with two 268 strikes (88-F device), or two 499F (22-F, 98-F, 99-F devices). UL fire labeled mullion for up to 3 hour opening using Von Duprin fire exit rim devices. This mullion is not easily removed due to special fittings. 98-F and 99-F devices are rated up to 10'0" (3048 mm).

Note: If 268 or 499F strikes are not specified on the order, two per mullion will be added. Additional charges apply.

UL fire labeled up to 3 hour opening. These applications are hurricane approved to 8'0" x 8'0" with this mullion: HH88-F (468 strike), HH98/99-F (499F strike), HH-XP98/99-F (954 strike), and HH98/9957-F (499F middle strike).

4754 Prepared for two 4263 monitor strikes.

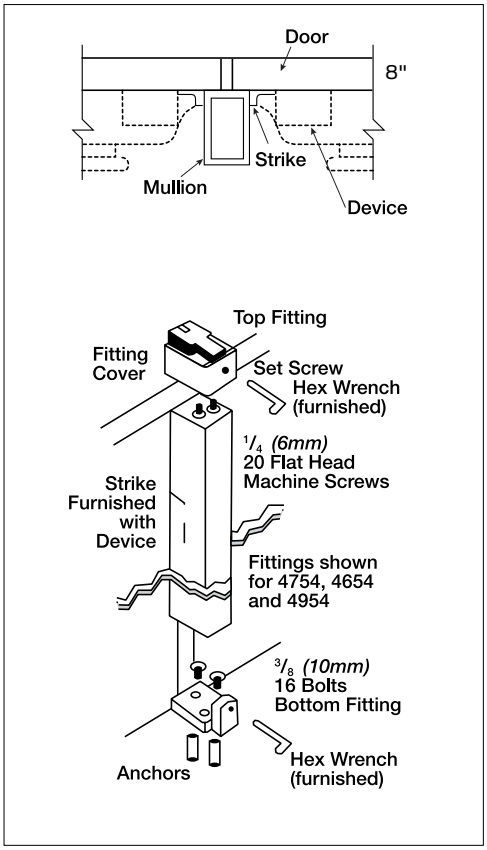
4854 Prepared for one 299 and one 6111 electric strike. Indicate handing for electric strike.

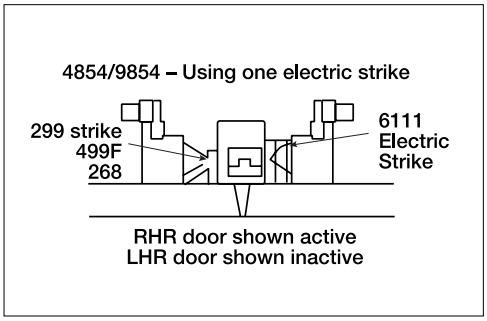
9854 Prepared for one 268 or 499F strike and one 6111 electric strike. Indicate handing for electric strike. UL fire labeled mullion for up to 3 hour openings up to 8' x 8' (2438mm x 2438mm) using Von Duprin fire exit rim devices

Aluminum mullions

5654 Prepared for two 299 strikes.

5754 Prepared for 1408 double strike.





UL listing for fire exit hardware

UL Listed fire exit hardware label and opening size

Check with door manufacturers to confirm listing compatibility.

Exit device	Door material	Single door	Double door						
			With 9954 mullion	With 9854 mullion[4]	With KR9954 mullion	With KR9854 mullion[4]	V x V same direction[1]	V x Mortise same direction	V x V double egress
33A/35A-F	Metal, Composite (Wood or Plastic covered)	3 Hour 4' x 10'	3 Hour 8' x 10'	90 Min 8' x 8'	3 Hour 8' x 8'	90 Min 8' x 8'	—	—	—
33A/35A-F with 1439 Strike	Metal, Composite (Wood or Plastic covered)	3 Hour 4' x 8'	3 Hour 4' x 8'	90 Min 8' x 8'	3 Hour 4' x 8'	90 Min 8' x 8'	—	—	—
3327A-F 3527A-F	Metal, Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3327A-LBR-F 3527A-LBR-F	Metal, Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	—	3 Hour 8' x 10'
3347A-F 3547A-F	Metal, Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3347A-F-LBR 3547A-F-LBR	Metal, Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 9'	3 Hour 8' x 9'	3 Hour 8' x 9'
3347A-WDC-F 3547A-WDC-F	Composite (Wood or Plastic covered)	—	—	—	—	—	90 Min No Hose* 8' x 9'3"	90 Min No Hose* 8' x 9'3"	90 Min No Hose* 8' x 9'3"
3347A-WDC-LBR-F[2] 3547A-WDC-LBR-F[2]	Wood Core	—	—	—	—	—	20 Min No Hose* 8' x 9'3"	20 Min No Hose* 8' x 9'3"	20 Min No Hose* 8' x 9'3"
3348A-F 3548A-F	Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3349A-F 3549A-F	Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3349A-LBL-F 3549A-LBL-F	Composite (Wood or Plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
3350-F 3550-F	Metal	—	—	—	—	—	90 Min 8' x 8'	—	90 Min 8' x 8'
3350AWDC-F 3550AWDC-F	Composite (Wood or Plastic covered)	—	—	—	—	—	90 Min w/ edge wrap 1 Hour w/o edge wrap 8' x 8'	—	—
3350AWDC-LBL-F[2] 3550AWDC-LBL-F[2]	Composite (Wood or Plastic covered)	—	—	—	—	—	20 Min with/ without edge wrap, no hose 8' x 8'	—	—

1 Fire-rated metal door flush bolts may be substituted on one leaf of a pair in these columns. Substitute two-point flush bolt for vertical devices; or substitute top flush bolt with auxiliary fire bolt for vertical rod LBR/LBL-AFL devices. The opening will carry the fire listing (# hours and opening size) of the least rated component.
2 Not listed for Canada.
3 For Vertical x Mortise opening sizes, see applicable vertical rod/cable device rows.
4 Hourly limitation due to 6111 electric strike listing.

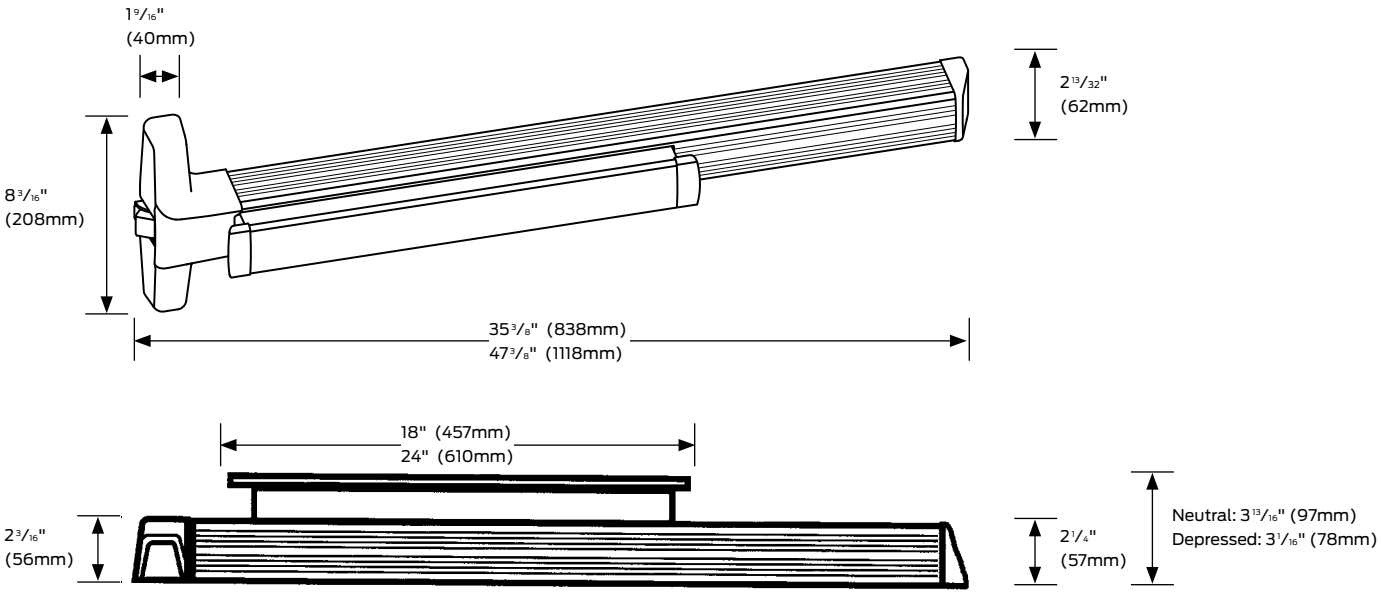
Notes:
Check with door manufacturers to confirm listing compatibility.
Overlapping astragal may not be used on pairs swinging same direction with vertical rods or cables on both leaves.

Function, grade and type options

ANSI Function, grade and type

Function	Grade 1, type 4	Grade 1, type 5	Grade 1, type 6, 7 and 8	
1	33AEO	3327A-EO	3347A-EO	3547A-EO
	35AEO	3327A-EO-F	3347A-EO-F	3547A-EO-F
		3527A-EO	3348A-EO	3548A-EO
		3527A-EO-F	3348A-EO-F	3548A-EO-F
			3349A-EO	3549A-EO
			3349A-EO-F	3549A-EO-F
2	33A-DT	3327A-DT	3347A-DT	3547A-DT
	35A-DT	3527A-DT	3348A-DT	3548A-DT
			3349A-DT	3549A-DT
3	33A-NL	3327A-NL-OP	3347A-NL-OP	3547A-NL-OP
	33A-NL-OP	3527A-NL-OP	3347A-NL-OP-F	3547A-NL-OP-F
	35A-NL	3327A-NL-OP-F	3348A-NL-OP	3548A-NL-OP
	35A-NL-OP	3527A-NL-OP-F	3348A-NL-OP-F	3548A-NL-OP-F
		3527A-NL	3347A-NL	3547A-NL
		3327A-NL-F	3347-NL-F	3547-NL-F
		3527A-NL	3348-NL	3548-NL
		3527A-NL-F	3348-NL-F	3548-NL-F
			3349A-NL-OP	3549A-NL-OP
			3349A-NL-OP-F	3549A-NL-OP-F
			3349A-NL	3549A-NL
			3349A-NL-F	3549A-NL-F
8/9	33A-L	3327A-L	3347A-L	3547A-L
	35A-L	3327A-L-F	3347A-L-F	3547A-L-F
		3527A-L	3348A-L	3548A-L
		3527A-L-F	3348A-L-F	3548A-L-F
			3349A-L	3549A-L
			3349A-L-F	3549A-L-F
11/12	33A-TL	3327A-TL	3347A-TL	3547A-TL
	35A-TL	3327A-TL-F	3347A-TL-F	3547A-TL-F
		3527A-TL	3348A-TL	3548A-TL
		3527A-TL-F	3348A-TL-F	3548A-TL-F

Dimensions



Stile information

Device type	Standard single door			Standard double door			Optional single door			Optional double door		
	Strike	Trim/stile		Strike w/mullion*	Trim/stile		Strike	Trim/stile		Strike w/mullion*	Trim/stile	
33A/35A	1439	2" (51mm)	2" (51mm)	1408 x 5754		2" (51mm)	299 1410 1606	2¾" (70mm) 1¾" (44mm) 2½" (64mm)	2¾" (70mm) 1¾" (44mm) 2½" (64mm)	299 x 5654 299 x 4954 1606 x 1654	2⅝" (67mm) 3⁵⁄₁₆" (84mm) 2¾" (70mm)	2⅝" (67mm) 3⁵⁄₁₆" (84mm) 2¾" (70mm)
3327A 3527A	266 (Top) 304L (Bottom) 248-L (Bottom)	2" (51mm)	2" (51mm)	266 (Top) 304L (Bottom) 248-L (Bottom)	2" (51mm)	2" (51mm)	299 (Top) 385A (Bottom)	3⅛" (79mm)	3⅛" (79mm)	299 (Top) 385A (Bottom)	3⅛" (79mm)	3⅛" (79mm)
							260U (Top) 385A (Bottom)	2⅛" (54mm)	2⅛" (54mm)	260U (Top) 385A (Bottom)	2⅛" (54mm)	2⅛" (54mm)
3327A-F 3527A-F	—	—	—	299F (Top) 304L (Bottom)	3⅛" (79mm)	3⅛" (79mm)	—	—	—	—	—	—
3327A-LBR-F	—	—	—	499F (Top) (Req. auxiliary fire latch)	3⅝" (92mm)	3⅝" (92mm)	—	—	—	—	—	—
3347A 3547A 3348A 3548A	338 (Top) 385A (Bottom)	2⅛" (54mm)	2⅛" (54mm)	338 (Top) 385A (Bottom)	2⅛" (54mm)	2⅛" (54mm)	304L (Bottom)	2½" (64mm)	2½" (64mm)	304L (Bottom)	2½" (64mm)	2½" (64mm)
3347A-F 3547A-F 3348A-F 3548A-F	—	—	—	338 (Top) 385A (Bottom)	3⅝" (92mm)	3⅝" (92mm)	—	—	—	304L (Bottom)	3½" (89mm)	3½" (89mm)
3347A-LBR 3547A-LBR	338 (Top)	2½" (64mm)	2½" (64mm)	338 (Top)	2½" (64mm)	2½" (64mm)	—	—	—	—	—	—
3347A-LBR-F 3547A-LBR-F	—	—	—	338 (Top)	3⅝" (92mm)	3⅝" (92mm)	—	—	—			
3349A 3549A	249 (Top) 349 (Bottom)	2½" (64mm)	2½" (64mm)	249 (Top) 349 (Bottom)	2⅛" (54mm)	2⅛" (54mm)						
3349A-F 3549A-F	—	—	—	249 (Top) 349 (Bottom)	3½" (89mm)	3½" (89mm)	—	—	—	—	—	—
3349A-LBL 3549A-LBL	249 (Top)	2½" (64mm)	2½" (64mm)	249 (Top)	2⅛" (54mm)	2⅛" (54mm)	—	—	—	—	—	—
3349A-LBL-F 3549A-LBL-F	—	—	—	249 (Top)	3⅝" (92mm)	3⅝" (92mm)	—	—	—	—	—	—

Lever styles and finishes

Decorative levers

M51 [2]

M52 [2]

M53

M54

M55

M56

M57 [1]

M61 [3]

M62 [1,3]

M63 [3]

M81 [2]

M82

M83

M84

M85 [3]

ME1 [2,3,4]

ME2 [2,3,4]

ME3 [2,3]

1. Available in stainless steel substrate ONLY.
2. Knurling available.
3. Handed.
4. Designed with Gensler as product design consultant.

Standard levers

01

02 [2]

03 [1,2]

05

06 [1,2] (Default lever)

07

12 [3]

16 - Omega

17 [1,2]

18

ACC - Accent [3]

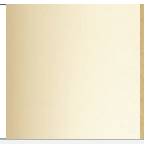
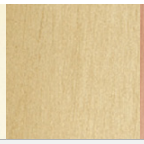
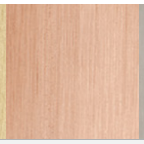
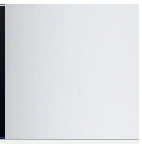
AST - Asti [3]

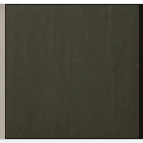
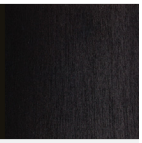
MER - Merano [3]

LAT [1] - Latitude

LON [1] - Longitude

1. Available in stainless steel—specify SS when ordering.
2. Knurling available.
3. Handed.

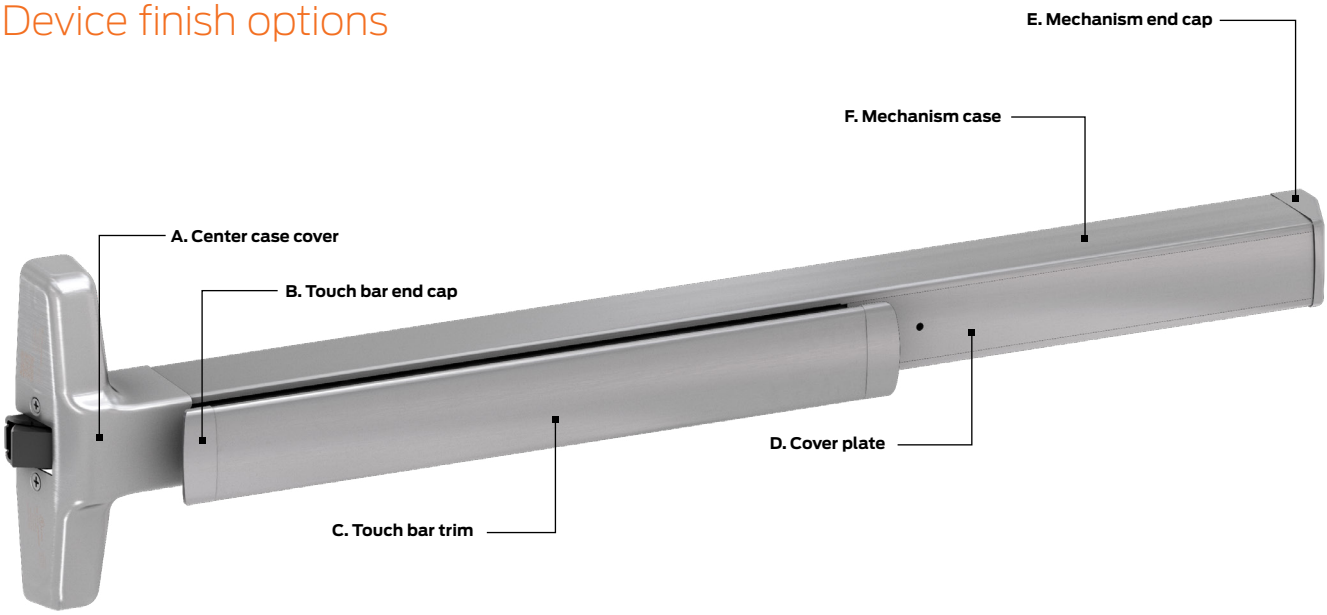
Finish options*						
Color	Bright Brass	Satin Brass	Satin Bronze	Satin Nickel	Matte Black/ Anodized	Bright Chrome
ANSI/BHMA number	605	606	612	619	622/711	625

Finish options*						
Color	Satin Chrome	Aluminum, anodized	Satin Stainless	Aged Bronze	Black Paint	Dark Brown, Anodized
ANSI/BHMA number	626/626AM†	628	630/630AM†	643e	693	710

* Durable powder coated finishes available at special request. Please contact factory.

† AM = Antimicrobial

Device finish options



Finishes

Color	BHMA number	A, B, E	C	D and F
Bright brass	605	Bright brass	Bright brass, 605	Buffed anodized
Satin brass	606	Satin brass	Satin brass, 606	Anodized
Satin bronze	612	Plated	Satin bronze, 612	Anodized
Satin nickel	619[1]	Plated	Satin stainless steel, 630	Anodized
Bright chrome	625	Plated	Bright stainless steel, 629	Buffed anodized
Satin chrome	626	Plated	Satin stainless steel, 630	Anodized
Satin stainless steel	630	Stainless steel	Satin stainless steel, 630	Anodized
Aluminum, anodized	628	Powder coated	Satin stainless steel, 630	Anodized
Duranodic dark bronze	710	Powder coated	Powder coated	Powder coated
Black	622/711	Powder coated	Powder coated	Powder coated
Aged bronze	643e	Relieved aged bronze	Relieved aged bronze	Aged bronze, no relief
Black, painted (not flat powder)	693	Powder coated	Powder coated	Powder coated
Duranodic dark bronze	710	Powder coated	Powder coated	Powder coated

[1] Available for 35A ONLY

Notes

About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

For more, visit **www.allegion.com**

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ALLEGION™

ALLEGION™

VON DUPRIN®

55 Series

Exit device

Introduction

Function and style

Since creating the first exit device, Von Duprin® remains the trusted name in the industry by creating products that meet the highest standards for fire and life safety. It's evident in the meticulous engineering behind every exit device. Today, Von Duprin's product line is available in a wide range of styles and finishes to blend seamlessly into varying aesthetic environments.

The 55 Series is a narrow stile device with a classic look that's ideal for retro-inspired architecture and historical buildings. Several mechanical, electronic and finish options can be customized to meet the needs of your facility. Take advantage of field reversible handing and flexible field sizing for several surface-mounted vertical rod and rim applications.

Passion driving performance

Von Duprin's exit devices offer durable solutions that are proven in the field to perform under heavy use and abuse and backed by a team of experts experienced in door hardware application and code compliance. Allegion stands behind every Von Duprin product we make with unparalleled customer support thanks to our team of experts based in the U.S. that average more than 15 years of experience, so you are assured to receive expert advice.

Information and customer care

us.Allegion.com

US: 1-877-671-7011
Canada: 1-800-900-4734

Support@Allegion.com
Exits_TechProdSupport@Allegion.com

www.YouTube.com/VonDuprinSafety/

Ordering

Allegion_Orders@Allegion.com

Fax: 1-800-999-0328

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How to Order

Prefix	Device series/type		Trim/ rating		Suffix/ finish		Door width	Handing	Less bottom rod/cable	Trim options/ finish	Optional strike/finish	Accessories	Other information
1	2	3	4	5	6	7	8	9	10	11	12	13	14
QEL	98	27	L	F	—	626	3'	RHR	LBR	996-06/626	499F	SNB	HM

Detail

1 Prefixes

RX	Request to exit
ES	ES pullman top latch
E	Electric unlocking
HW	Wind only
RCB	Reinforced crossbar
KN	Knurled crossbar
NY5547 (L, LBE, LDT)	Centerline option
NYCA5547 (L, LBE, LDT)	Centerline option

2 Device Series

55

3 Device type

None	Rim device
47	Concealed vertical rod device
47WDC	Wood door concealed vertical rod
75	Mortise lock device

4 Trim functions

DT	Dummy trim
EO	Exit only
L	Lever (classroom)
L-BE	Lever - blank escutcheon
L-DT	Lever, rigid - dummy trim
NL	Night latch, key retracts
NLOP	Night latch, opt. pull
TL	Turn lever
TLBE	Turn lever, blank escutcheon

5 Rating

F	Fire exit hardware
Blank	Panic exit hardware

6 Suffix

-2	Double cylinder (rim and mortise only)
-2SI	Double cylinder with security indicator (rim only)
CON	Connectors
WH	Weep holes

7 Finish

605	Bright brass
606	Satin brass
612	Satin bronze
613	Bronze, dull oxidized
622	Matte black
625	Bright chrome
626	Satin chrome
643E	Aged bronze
693	Black paint

8 Door width

3'	Standard default
4'	

Door thickness

1 3/4"	Standard
2 1/4"	Optional

9 Handing

LHR	Left hand reverse
RHR	Right hand reverse

10 Less bottom rod

LBR	Less bottom rod
LBR-AFL	LBL with fire pin

11 Trim options/finish

See trim options/finish for each device type

12 Lever Style

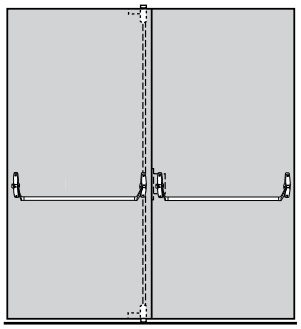
06 Standard	Optional levers available

13 Accessories

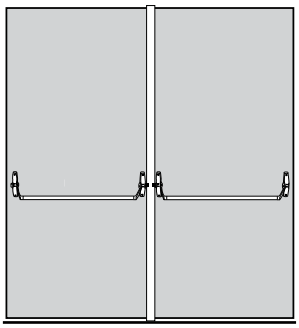
Touchbar options	
CYL	Cylinder
SNB	Sex bolts
Miscellaneous	
CE	CE labeled
LCP	Less cover plate
IOWDA	#IOWDA cover plate
Door application	
Cylinder	Double egress
Sex Bolts	Pair of doors
S	Single door

Popular double door applications

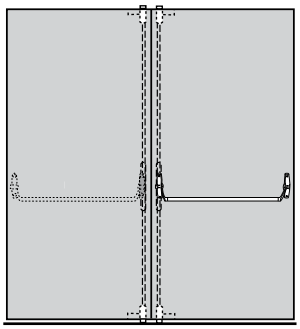
Double door applications



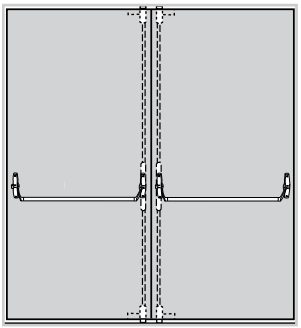
Mortise lock and vertical rod device combination — same direction
*hollow metal only



Two rim devices with mullion — same direction

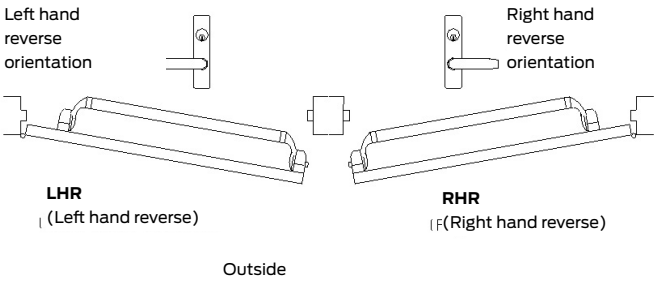


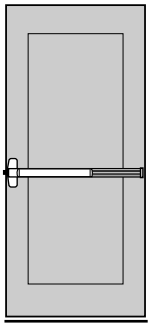
Two vertical rods — double egress



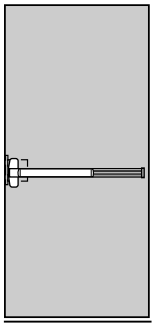
Two vertical rod devices — same direction (do not use with overlapping astragal

Door handing





Single rim device

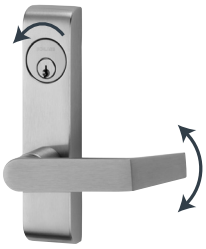


Single mortise

Outside trim operation

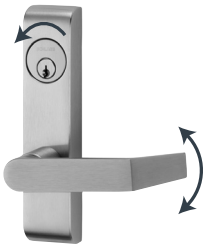
Trim operation lever

Standard operation



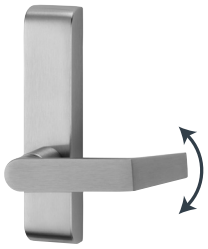
Key locks and unlocks lever.

NL Function



Lever is locked when key is removed. (ANSI 09 function)

Blank escutcheon



Lever always active. BE suffix, E.G., 371L-BE.

Standard trim

Series 550

Heavy aluminum bracket 10" (25mm) with stainless steel or brass pull bar. 550DT with NL function is furnished with 110MD or WD rim device. On 555NL (Metal) and 556NL (Wood), the cylinder locates in pull return. Cylinder must be ordered separately.

Series 376T

Thumbturn control has a forged brass 7/8" (25 mm) thick escutcheon. Often used with DT trim or pull. An NL cylinder plate is included with thumbturn control for night latch operation if required. BE blank escutcheon is available, specify 376T-BE.

Series 370L

Lever control has a forged brass 7/8" (25 mm) thick escutcheon. Optional lever designs are available. An NL cylinder plate is included with lever control for night latch. BE Blank escutcheon is available, specify 371L-BE.

550DT

555NL
(5547 only)

556NL
(5547WDC only)

376T

371L (5547-F)
376L (5547/5547WDC)
379L (55 Rim)

375L (5575-F)

Lever styles

Standard levers

01

02[2]

03[2]

05

06[1,2]

07[2]

12[3]

16

17[2]

18[3]

AST - Asti [3]

1. Available in stainless steel—specify SS when ordering.
2. Knurling available.
3. Handed.

55 rim exit device

55 Rim devices for all types of single and double doors with mullion, UL listed for accident hazard installations. Fits doors stiles as narrow as 1¾" (44 mm). Specify for 2¼" door. Device is field reversible.

Finishes – 605, 606, 612, 613, 622, 625, 626, 643E, 693

The 1409 Strike
ships standard, optional strikes available.

Hex key dogging comes standard on 55 Rim exit device

Specifications

Device functions	Device ships EO/DT/NL/L	
Crossbar length	30" for 3' door, 42" for 4' door	
Crossbar height to finished floor	36 ⁹⁄₁₆" (935 mm) at center	
Lock stile case	7¼" x 1⅜" x 2¼" (184 mm x 30 mm x 57 mm)	
Hinge stile case	7¼" x 1⅜" x 2¼" (184 mm x 30 mm x 57 mm)	
Crossbar tubing	1" (25 mm)	
Projection	Crossbar neutral – 3¾" (95 mm) Crossbar depressed – 2⅜" (60 mm)	
Latch bolt	¾" (19 mm), throw	
Fasteners and Sex bolts (SBN)	Device ships with screws and SNBs for 1¾" thick door, specify door thickness if greater than 1¾"	
Outside trim	**Standard** 379L 550DT x 110NL-MD 550DT x 110NL-WD 550DT	
Electrical options	**RX** **E**	Crossbar monitor switch Electric unlocking (BE trim only)
Mechanical options	**RCB** **KN**	Reinforced crossbar Knurled crossbar
Strikes	**1409**	Dull black

RX

Crossbar monitor switch

- Signals use of an opening
- SPDT switch to monitor crossbar

Standard trim

	EO	DT	NL	L
	Exit only	**Dummy trim** Pull when dogged	**Night latch** Key retracts latch bolt	**Lever*** Locks/unlocks
Product description	55EO	55DT	55NL	55L
Trim description	—	550DT	550DT/110MD	379L
Escutcheon plate size	—	—	—	$7^{1}/_{2}$" x $1^{11}/_{16}$"
Pull overall length	—	$3^{5}/_{8}$" x $11^{9}/_{16}$"	$3^{5}/_{8}$" x $11^{9}/_{16}$"	—
Pull center to center	—	10"	10"	—
Projection	—	$2^{5}/_{8}$" x $1^{7}/_{8}$"	$2^{5}/_{8}$" x $1^{7}/_{8}$"	$2^{5}/_{8}$"
ANSI function	01	02	03	08
Cylinder type	—	—	Rim	Mortise
Handing	Handed, field reversible	Handed, field reversible	Handed, field reversible	Handed, not field reversible
Sex bolts furnished	4	4	4	2

Notes

- 55NLOP comes with 110MD (cylinder only no pull)
- *L-BE blank escutcheon available

5575 mortise lock exit device

The 575 Strike
ships standard.

5575 Mortise lock devices for all types of single and double doors. UL listed for accident hazard installations.

The 7500 Mortise lock is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel. Wood doors required 589 cover plate. Specify for 2¼" door.

Finishes – 605, 606, 612, 613, 622, 625, 626, 643E, 693

Hex key dogging comes standard on 5575 Series mortise lock exit devices

Specifications		
Device functions	EO/DT/NL/L	
Crossbar length	30" for 3' door, 42" for 4' door	
Crossbar height to finished floor	36 13/16" (935 mm) at center	
Latch bolt height to finished floor	40 3/32" (1018 mm) at center	
Lock stile case	7¼" x 1 3/16" x 2¼" (184 mm x 30 mm x 57 mm)	
Lock case	4 5/8" x 5 3/4" x 1 1/16" (117 mm x 146 mm x 27 mm)	
Faceplate	1¼" x 8" x 7/32" (32 mm x 203 mm x 6 mm)	
Cylinder backset	2¾" (70 mm)	
Hinge stile case	7¼" x 1 3/16" x 2¼" (184 mm x 30 mm x 57 mm)	
Crossbar tubing	1" (25 mm)	
Projection	Crossbar neutral – 3¾" (95 mm) Crossbar depressed – 2 3/8" (60 mm)	
Latch bolt	Anti-friction, ¾" (19 mm), throw	
Fasteners and Sex bolts (SBN)	Device ships with screws and SNBs for 1¾" thick door, specify door thickness and mortise lock location if greater than 1¾"	
Outside trim	**Standard** 375L 550DT	
Electrical options	**RX** **E**	Crossbar monitor switch Electric unlocking (BE trim only)
Mechanical options	**RCB** **KN**	Reinforced crossbar Knurled crossbar
Strikes	**575**	Dull black

RX

Crossbar monitor switch

- Signals use of an opening
- SPDT switch to monitor crossbar

Standard trim

	EO **Exit only**	DT **Dummy trim** Pull when dogged	NL **Night latch** Key retracts latch bolt	L **Lever*** Locks/unlocks
Product description	5575EO	5575DT	5575NL	5575L
Trim description	—	550DT	550DT	375L
Escutcheon plate size	—	—	—	10 1/2" x 2"
Pull overall length	—	3 5/8" x 11 9/16"	3 5/8" x 11 9/16"	—
Pull center to center	—	10"	10"	—
Projection	—	2 5/8" x 1 7/8"	2 5/8" x 1 7/8"	2 5/8"
ANSI function	01	02	03	08
Cylinder type	—	—	1 1/4" Mortise	Mortise
Handing	Handed	Handed	Handed	Handed
Sex bolts furnished	2	2	2	2

Notes

- For NLOP function, order device as EO - cylinder can be mounted into the mortise lock body
- *L-BE blank escutcheon and L-DT dummy is available

5575-F mortise lock fire exit device

The 575 Strike
ships standard.

5575-F fire exit mortise lock devices for 4' x 10' (1219 mm x 3048 mm) single or 8' x 8' (2438 mm x 2438 mm) double metal doors, UL listed for up to 3 hour labeled installations. Fits door stiles as narrow as 4 3/4" (121 mm). Specify for 2 1/4" door.

The 7500 mortise lock is equipped with a 3/4" (19mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel. Wood door required 589 cover plate.

Finishes – 605, 606, 612, 613, 622, 625, 626, 643E, 693

Specifications		
Device functions	EO/NL/L	
Crossbar length	30" for 3' door, 42" for 4' door	
Crossbar height to finished floor	36 13/16" (935 mm) at center	
Latch bolt height to finished floor	40 3/32" (1018 mm) at center	
Lock stile case	7 1/4" x 1 3/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Lock case	4 5/8" x 5 3/4" x 1 1/16" (117 mm x 146 mm x 27 mm)	
Faceplate	1 1/4" x 8" x 7/32" (32 mm x 203 mm x 6 mm)	
Cylinder backset	2 3/4" (70 mm)	
Hinge stile case	7 1/4" x 1 3/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Crossbar tubing	1" (25 mm)	
Projection	Crossbar neutral – 3 3/4" (95 mm) Crossbar depressed – 2 3/8" (60 mm)	
Latch bolt	Anti-friction, 3/4" (19 mm), throw	
Fasteners and Sex bolts (SBN)	Device ships with screws and SNBs for 1-3/4" thick door, specify door thickness and mortise lock location if greater than 1-3/4	
Outside trim	**Standard** 375L 550DT	
Electrical options	**RX** **E**	Crossbar monitor switch Electric unlocking (BE trim only)
Mechanical options	**RCB** **KN**	Reinforced crossbar Knurled crossbar
Strikes	**575**	Dull black

RX

Crossbar monitor switch

- Signals use of an opening
- SPDT switch to monitor crossbar

Standard trim

	EO **Exit only**	NL **Night latch** Key retracts latch bolt	L **Lever*** Locks/unlocks
Product description	5575EO-F	5575NL-F	5575L-F
Trim description	—	550DT	375L
Escutcheon plate size	—	—	10 1/2" x 2"
Pull overall length	—	3 5/8" x 11 9/16"	—
Pull center to center	—	10"	—
Projection	—	2 5/8" x 1 7/8"	2 5/8"
ANSI function	01	03	08
Cylinder type	—	1 1/4" Mortise	Mortise
Handing	Handed	Handed	Handed
Sex bolts furnished	2	2	2

Notes

- For NLOP function, order device as EO. Cylinder can be mounted into the mortise lock body
- *L-BE blank escutcheon is available, L-DT is available but not recommended on fire rated devices

5547 concealed vertical rod exit device

5547 Concealed vertical rod devices for use on single or double metal doors. UL listed for accident hazard installations and fits door stiles as narrow as 1 3/4" (44 mm). Specify for 2 1/4" door. Standard device fits 6' 8" to 8'0" door height.

Finishes – 605, 606, 612, 613, 622, 625, 626, 643E, 693

Hex key dogging comes standard on 5547 Series concealed vertical rod exit devices

RX

Crossbar monitor switch

- Signals use of an opening
- SPDT switch to monitor crossbar

Specifications

Device functions	EO/DT/NL/L/TL	
Crossbar length	30" for 3' door, 42" for 4' door, handed, field reversible	
Crossbar height to finished floor	36 13/16" (935 mm) at center	
Lock stile case	7 1/4" x 1 3/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Hinge stile case	7 1/4" x 1 3/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Vertical rods-hexagon	3/8" (10 mm) adjustable top rod	
Crossbar tubing	1" (25 mm)	
Projection	Crossbar neutral – 3 3/4" (95 mm) Crossbar depressed – 2 3/8" (60 mm)	
Latch bolt	1/2"(13 mm), throw	
Fasteners and Sex bolts (SBN)	Device ships with screws and SNBs for 1 3/4" thick door, specify door thickness if greater than 1 3/4	
Wood frame strikes	472U for 1 3/4" door and 473U for 2 1/2" door.	
Outside trim	**Hollow metal** 555NL 550DT 376 L 376T x 550DT	
Electrical options	**RX** Crossbar monitor switch **E** Electric unlocking (BE trim only)	
Mechanical options	**RCB** Reinforced crossbar **KN** Knurled crossbar	
Strikes	**471U** Top-unfinished **304L** Bottom-unfinished	

Standard trim

	EO **Exit only**	DT **Dummy trim** Pull when dogged	NL **Night latch** Key retracts latch bolt	NLOP **Night latch optional pull** Key retracts latch bolt	L **Lever*** Key unlocks & locks	TL **Key Locks**[3**] Thumbturn
Product description	5547EO	5547DT	5547NL	5547NLOP	5547L	5547TL
Trim description	—	550DT	555NL	555NL-CA	376L	550DT/376T
Escutcheon plate size	—	—	—	—	7 1/2" x 1 11/16"	7 1/2" x 1 11/16"
Pull overall length	—	11 9/16" x 3 5/8"	11 9/16" x 3 5/8"	—	—	—
Projection	—	2 5/8" x 1 7/8"	2 5/8" x 1 7/8"	7/8"	2 5/8"	1 13/16"
ANSI function	01	02	03	03	08	11
Cylinder type	—	—	Rim	Rim	Mortise	Mortise
Handing	Handed but field reversible	Handed but field reversible	Handed but field reversible	Handed	Handed but field reversible**	Handed but field reversible
Sex bolts furnished	2	2	2	2	2	2

Notes

- For 5547L, minimum control centerline of lever or thumbturn is 49 7/8" and the minimum stile width is 1 3/4"
- Electrified lever operation available, must be blank escutcheon (L-BE)
- NY5547L is available to meet ADA requirements of 45 13/16" lever height.
- * Exit device handing is field reversible, but the 376L control cannot be rehanded in the field
- ** Exit device handing is field reversible, but the 376L control cannot be rehanded in the field
- ***T-BE available

5547-F concealed vertical rod fire exit device

301L

5547-F Fire exit concealed vertical rod devices for use on 8' x 8' (2438 mm x 2438 mm) double metal doors swinging same direction or double egress. UL listed for up to 3 hour labeled installations and fits door stiles as narrow as 4 3/4" (121 mm). Standard device fits 6'8" to 8'0" door height

Double doors swinging same direction using a pair of 5547-F devices must not have an overlapping astragal.

Finishes – 605, 606, 612, 613, 622, 625, 626, 643E, 693

RX

Crossbar monitor switch

- Signals use of an opening
- SPDT switch to monitor crossbar

Specifications

Device functions	EO/L/TL	
Crossbar length	30" for 3' door, 42" for 4' door	
Crossbar height to finished floor	36 13/16" (935 mm) at center	
Lock stile case	7 1/4" x 1 3/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Hinge stile case	7 1/4" x 1 3/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Vertical rods-hexagon	3/8" (10 mm) adjustable top rod	
Crossbar tubing	1" (25 mm)	
Projection	Crossbar neutral – 3 3/4" (95 mm) Crossbar depressed – 2 3/8" (60 mm)	
Latch bolt	5/8", throw	
Fasteners and Sex bolts (SBN)	Device ships with screws and SNBs for 1 3/4" thick door, specify door thickness if greater than 1 3/4"	
Outside trim	**Hollow metal** 376T x 609DT 371L	
Electrical options	**RX** **E**	Crossbar monitor switch Electric unlocking (BE trim only)
Mechanical options	**RCB** **KN**	Reinforced crossbar Knurled crossbar
Strikes	**301L**	Bottom-unfinished

Standard trim

	EO Exit only	L **Lever*** Key unlocks & locks	TL **Key locks**** Thumbturn
Product description	5547EO-F	5547L-F	5547TL-F
Trim description	—	371L	609DT/376T
Escutcheon plate size	—	7 1/2" x 1 11/16"	7 1/2" x 1 11/16"
Pull overall length	—	—	—
Projection	—	2 5/8"	1 13/16"
ANSI function	01	08	11
Cylinder type	—	Mortise	Mortise
Handing	—	Handed	Handed
Optional trim			
Sex bolts furnished	2	2	2

Notes

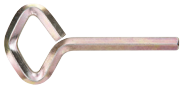
- Electrified lever or thumbturn operation available, must be blank escutcheon (L-BE).
- *T-BE available
- **T-BE available

5547WDC wood door concealed vertical rod exit device

5547WDC Concealed vertical rod devices for use on single or double wood doors. Fits door stiles as narrow as 4" (102 mm).

Finishes – 605, 606, 613, 612, 622, 625, 626, 643E, 693

Hex key dogging comes standard on 5547WDC Series wood concealed vertical rod exit devices



RX

Crossbar monitor switch
- Signals use of an opening
- SPDT switch to monitor crossbar

Specifications

Device functions	EO/DT/NL/L /TL	
Crossbar length	30" for 3' door, 42" for 4' door	
Crossbar height to finished floor	36 13/16" (935 mm) at center	
Lock stile case	7 1/4" x 13/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Hinge stile case	7 1/4" x 1 3/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Vertical rods-hexagon	3/8" (10 mm) adjustable top rod	
Crossbar tubing	1" (25 mm)	
Projection	Crossbar neutral – 3 3/4" (95 mm) Crossbar depressed – 2 3/8" (60 mm)	
Latch bolt	5/8" (16mm) , throw	
Fasteners and Sex bolts (SBN)	Device ships with screws and SNBs for 1 3/4" thick door, specify door thickness if greater than 1 3/4"	
Wood frame strikes	472U for 1 3/4" door and 473U for 2 1/4" door.	
Outside trim	**Wood door** 376-WDC-L 556NL 550DT 376-WDC-T x 550DT	
Electrical options	**RX** **E**	Crossbar monitor switch Electric unlocking (BE trim only)
Mechanical options	**RCB** **KN**	Reinforced crossbar Knurled crossbar
Strikes	**378** **304L**	Top Bottom, unfinished

Standard trim

	EO **Exit only**	DT **Dummy trim** Pull when dogged	NL **Night latch** Key retracts latch bolt	NLOP **Night latch optional pull** Key retracts latch bolt	L **Lever*** Key unlocks & locks	TL **Key locks**** thumbturn
Product description	5547WDC-EO	5547WDC-DT	5547WDC-NL	5547WDC-NLOP	5547WDC- L	5547WDC-TL
Trim description	—	550DT	556-NL	556NL-CA	376WDC-L	550DT/ 376WDC-T
Escutcheon plate size	—	—	—	—	7 1/2" x 1 11/16"	7 1/2" x 1 11/16"
Pull overall length	—	11 9/16" x 3 5/8"	11 9/16" x 3 5/8"	—	—	—
Projection	—	2 5/8" x 1 7/8"	2 5/8" x 1 7/8"	1 1/8"	2 5/8"	1 13/16"
ANSI function	01	02	03	03	08	11
Cylinder type	—	—	Rim	Rim	Mortise	Mortise
Handing	—	Handed	Handed	Handed	Handed	Handed
Sex bolts furnished	2	2	2	2	2	2

Notes

- For 5547WDC-L, minimum control centerline of lever or thumbturn is 45 13/16" and the minimum stile width is 1 3/4".
- CA5547WDC-L with a 38" centerline is available to meet California ADA requirements of 44" lever height.- *L-BE available
- *L-BE available
- **TL-BE available

5547WDC-F wood door concealed vertical rod fire exit device

5547WDC-F Fire exit concealed vertical rod devices for use on 8' x 9'3" (2438 mm x 2819 mm) double wood doors swinging same direction or double egress. UL listed for up to 90 minute doors and fits stiles as narrow as 4 3/4" (121 mm). Standard device fits 6'8" to 8'0" door height

Double doors swinging same direction using a pair of 5547WDC-F devices must not have an overlapping astragal. Device is field reversible.

Finishes – 605, 606, 612, 613, 622, 625, 626, 643E, 693

Specifications

Device functions	EO/L/TL /NL	
Crossbar length	30" for 3' door, 42" for 4' door	
Crossbar height to finished floor	36 13/16" (935 mm) at center	
Lock stile case	7 1/4" x 1 3/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Hinge stile case	7 1/4" x 1 3/16" x 2 1/4" (184 mm x 30 mm x 57 mm)	
Vertical rods-hexagon	3/8" (10 mm) adjustable top rod	
Crossbar tubing	1" (25 mm)	
Projection	Crossbar neutral – 3 3/4" (95 mm) Crossbar depressed – 2 3/8" (60 mm)	
Latch bolt	5/8", throw	
Fasteners and Sex bolts (SBN)	Device ships with screws and SNBs for 1 3/4" thick door, specify door thickness if greater than 1 3/4"	
Wood frame strikes	472U for 1 3/4" door and 473U for 2 1/4" door.	
Outside trim	**Wood door** 376WDC-L 556NL 550DT 376WDC-T x 550DT	
Electrical options	**RX** **E**	Crossbar monitor switch Electric unlocking (BE trim only)
Mechanical options	**RCB** **KN**	Reinforced crossbar Knurled crossbar
Strikes	**378** **304L**	Top Bottom, unfinished

RX

Crossbar monitor switch

- Signals use of an opening
- SPDT switch to monitor crossbar

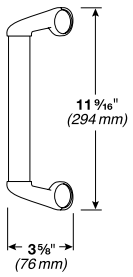
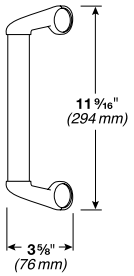
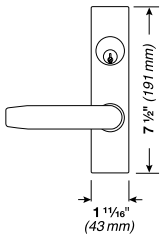
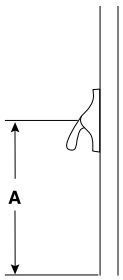
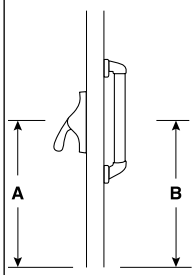
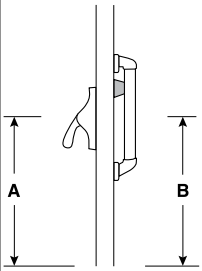
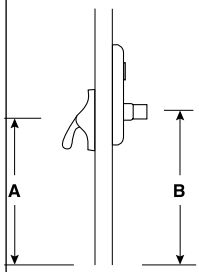
Standard trim

	EO **Exit only**	NL **Night latch** Key retracts latch bolt	NLOP **Night latch optional pull** Key retracts latch bolt	L **Lever*** Key unlocks & locks	TL **Key locks**** thumbturn
Product description	5547WDC-EO-F	5547WDC-NL-F	5547WDC-NLOP-F	5547WDC-L-F	5547WDC-TL-F
Trim description	—	556NL	556NL-CA	WDC-L	550DT/376WDC-T
Escutcheon plate size	—	—		7 1/2" x 1 11/16"	7 1/2" x 1 11/16"
Pull overall length	—	11 9/16" x 3 5/8"		—	—
Projection	—	2 5/8" x 1 7/8"	1 1/8"	2 5/8"	1 13/16"
ANSI function	01	03	03	08	11
Cylinder type	—	Rim	Rim	Mortise	Mortise
Handing	—	Handed	Handed	Handed	Handed
Sex bolts furnished	2	2	2	2	2

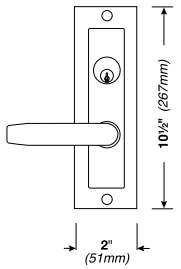
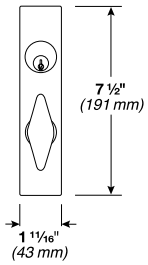
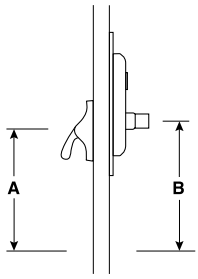
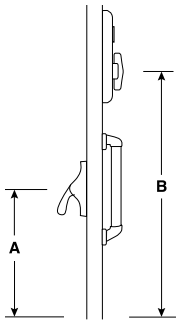
Notes

- For 5547WDC-L, minimum control centerline of lever or thumbturn is 45 13/16" and the minimum stile width is 1 3/4".
- NY5547WDC-L with a 38" device centerline is available to meet California ADA requirements of 44" lever height.
- *L-BE available
- **T-BE is available

Trim options

Function		01 Exit only	02 Pull when dogged	03 Key retracts latch bolt	08 Key locks lever
Trim number and dimensions			550DT 	550DT 555NL-5547 556NL-5547WDC 	371L-5547F 376L-5547/5547WDC 379L-55 Rim 
Device/trim center line to finished floor					
Projection/Offset		—	2 5/8" (67 mm) 1 7/8" (48 mm)	2 5/8" (67 mm) 1 7/8" (48 mm)	2 5/8" (67 mm)
Rim	Panic	55EO	55DT	55NL	55L
	Ctr. line	**A** 39 13/16" (1011 mm)	**A** 39 13/16" (1011 mm) **B** 39 13/16" (1011 mm)	**A** 39 13/16" (1011 mm) **B** 39 13/16" (1011 mm)	**A** 39 13/16" (1011 mm) **B** 38 5/16" (973mm)
Mortise lock	Panic	5575EO	5575DT	5575NL	—
	Fire	5575EO-F	—	5575NL-F	—
	Ctr. line	—	—	—	—
Concealed vertical rod lock	Panic	5547EO/5547WDC-EO	5547DT/5547WDC-DT	5547NL/5547WDC-NL	5547L/5547WDC-L
	Fire	5547EO-F /5547WDC-EO-F	—	5547 WDC-NL-F	5547L-F
	Ctr. line	—	—	—	**A** 39 13/16" (1011 mm) for 5547, NY5547, and 5547WDC 38" (985mm) for NYCA5547 and CA5547WDC **B** 40 7/16" (1027 mm) for 5547L-F x 371L **B** 49 7/8" (1267mm) for 5547L 45 13/16" (1164mm) for NY5547L and 5547WDC-L 44" (1118mm) for NYCA5547L and CA5547WDC-L
Cylinder type required	Rim	—	—	Rim	Mortise
	Mortise	—	—	Mortise	Mortise
	CVR.	—	—	Rim	Mortise

Trim options

		08 Key locks lever	11 Key locks thumbturn (pull required)
Trim number and dimensions		375-L 	376T x 550DT-5547/5547WDC 376T x 609DT - 5547F 
Device/trim center line to finished floor			
Projection		2 5/8" (67 mm)	1 13/16" (46 mm)
Rim	Panic	—	—
	Ctr. line	—	—
Mortise lock	Panic	5575L	—
	Fire	5575L-F	—
	Ctr. line	**A** 39 13/16" (1011 mm) **B** 38 1/2" (978 mm)	
Concealed vertical rod lock	Panic	—	5547TL/5547WDC-TL
	Fire		5547TL-F/5547WDC-TL-F
	Ctr. line	—	**A** 39 13/16" (1011 mm) **B** 53 1/2" (1359 mm)
Additional SNB requirements		2	2
Cylinder type required	Rim	—	—
	Mortise	—	—
	CVR.	Mortise	Mortise

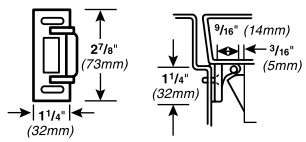
55 strike/stile information

Device type	Standard single door		Standard double door		Optional single door		Optional double door	
	Strike	Stile	Strike w/mullion	Stile	Strike	Stile	Strike w/mullion	Stile
55 Rim	1409	1 3/4" (44mm)	1408 x 5754	1 3/4" (44mm)	299 1410 1606 264	2 13/16" (71mm) 1 3/4" (44mm) 2 3/8" (60mm) 2 9/16" (65mm)	299 x 5654 264 x 5654 1606 x 1654 299 x 4954 264 x 4954	2 3/4" (70mm) 2 1/2" (64mm) 2 3/4" (70mm) 3 3/16" (81mm) 2 15/16" (75mm)
5575	575	4 3/4" (121mm)	—	—	—	—	575-2 576A-576B	4 3/4" (121mm)
5575-F	575	4 3/4" (121mm)	—	—	—	—	575-2 576A-576B	4 3/4" (121mm)
5547	STRIKE		STILE		STRIKE		STILE	
	471U (Top) 304L (Bottom)		Single door	1 7/8" (48mm)	472U/473U (Top) For wood frames		Single door	1 7/8" (48mm)
			Two vertical rod devices	1 3/4" (44mm)			Two vertical rod devices	1 3/4" (44mm)
			Vertical rod w/mortise lock device	4 3/4" (121mm)			Vertical rod w/mortise lock device	4 3/4" (121mm)
5547WDC	338 (Top) 304L (Bottom)		Single door	4" (127mm)	472U/473U (Top) For wood frames		Single door	4" (127mm)
			Two vertical rod devices	4" (127mm)			Two vertical rod devices	4" (127mm)
5547-F	Soffit Latch (Top) 301L (Bottom)		Two vertical rod devices	4 3/4" (121mm)	385A (Bottom)		Vertical rod w/mortise lock device	4 3/4" (121mm)
			Vertical rod w/mortise lock device	4 3/4" (121mm)				
5547WDC-F	338 (Top) 304L (Bottom)		Two vertical rod devices	4" (127mm)	472U/473U (Top) For wood frames		Two vertical rod devices	4" (127mm)

Strike application/minimum stile

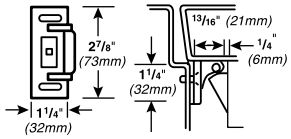
Strikes for rim devices

264



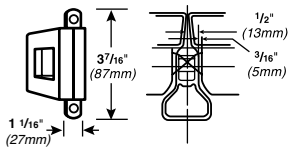
Projection 9/16" (14mm)

299

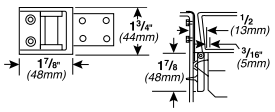


Projection 13/16" (21mm)

1408

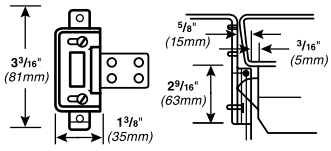


1409 — Blade stop



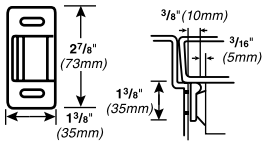
One per pair of doors

1410 — Integral stop



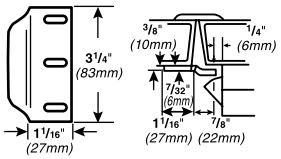
Projection 1/2" (13mm)

1606



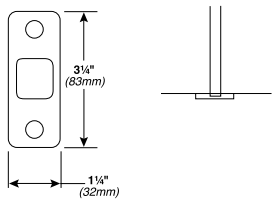
Projection 3/8 (10mm)

1609
For rim/vertical rod
consult factory - panic only



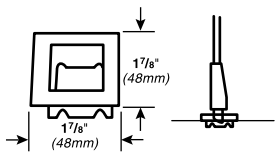
Strikes for vertical rod devices

301L



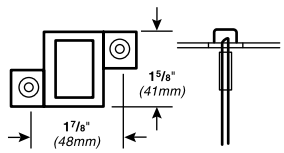
Mortise 3/4" (19mm)

304L



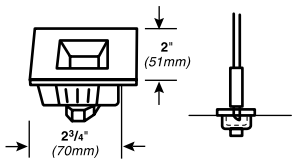
Mortise 13/16" (21mm)

338



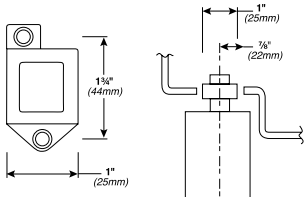
Projection 5/8" (16mm)

385A



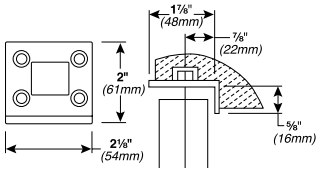
Mortise 2 1/2" (64mm)

471U



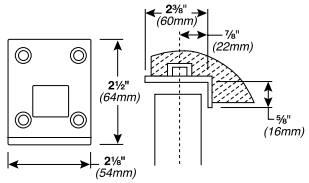
Hollow metal frame

472U



Wood frame 1 3/4" (44mm) thick doors - surface mounted

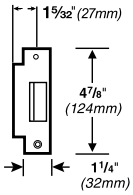
473U



Wood frame 2 1/4" (57mm) thick doors - surface mounted

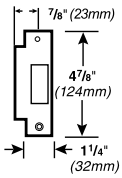
Strikes for mortise devices

575



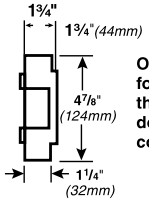
For use on 1 3/4" *(44mm)* or 2 1/4" *(57mm)* Single door and 2 1/4" *(57mm)* double door with coordinator.

575-2



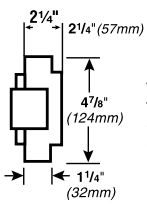
For use on 1 3/4" *(44mm)* thick double door with coordinator and astragal

576A



Open back strike for 1 3/4" *(44mm)* thick double doors without coordinator.

576B



Open back strike for 2 1/4" *(57mm)* thick double doors without coordinator.

– Not for use with astragals
– For use on wood doors, contact door manufacturer

– Acceptable for 90 minute pair of hollow metal doors

55 electrical options

E5575 Electric mortise lock device

The E5575 electric mortise lock device has all the versatility and advantages of the 5575 mortise lock device, plus the advantage of being electrically controllable by a remote switching device, an access control or automatic device, or an automatic fire alarm system. The E5575 feature controls the locking of the outside trim. When unlocked, the door remains latched, preserving the fire rating of the door and making it particularly useful where codes permit locking, but require unlocking during a fire emergency.

Standard features:

- Field reversible mortise lock
- 24 VDC continuous duty solenoid
- Tamper resistant (auxiliary dead latch)
- Silent operation
- Corrosion resistant
- Signaling functions
- Key mechanically retracts latch bolt

Optional features:

- Fail safe (locked when energized, unlocked when de-energized or during power failure, specify with suffix “FS”)
- Fail secure (unlocked when energized — specify with suffix “FSE”). Outside trim automatically relocks, unless held unlocked electrically
- 24 VAC (by adding SO option)
- 12 VDC or 12 VAC with SO option

To order, specify:

1a. E5575 or E5575F

1b. E7500 (if lock only is required)

2. FS or FSE
3. Voltage
4. Handing, LHR or RHR
5. Outside trim. “L-BE” function only. When using with “L” function, no cylinder operation is available. Outside control is furnished “BE”

E - Electric unlocking of outside trim (BE only)

Available in Fail Secure (FSE) or Fail Safe (FS) options. 24VDC furnished as standard, 12 VDC available.

To order, specify:

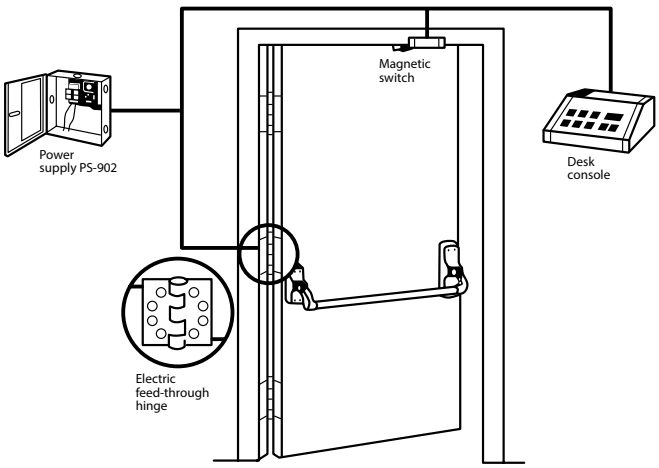
1. E prefix:

   -E371L-BE / E376L-BE = for use with concealed vertical rods

   -E376WDC-L-BE = for use with wood door concealed devices

   -E379L-BE = for use with rim devices

2. FS or FSE
3. Voltage
4. Handing, LHR or RHR



Adaptable for openings where continuous latching is required while the trim may be electrically locked or unlocked from a remote location — stairwells, exterior doors, etc.

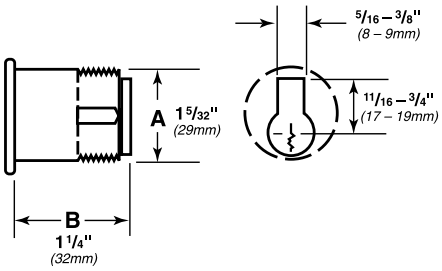
Device options and accessories

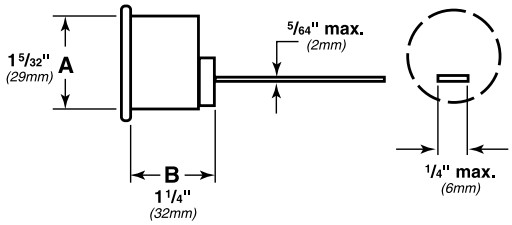
Cylinders

Cylinders are not furnished with device or trim and must be specified when ordering. Rim and concealed vertical rod exit devices use rim type cylinders. Mortise lock exit devices and series 370 controls use mortise type cylinders.

Mortise — 3215 (Schlage 20-001, B502-191 cam)

Rim — 3216 (Schlage 20-022 cam)



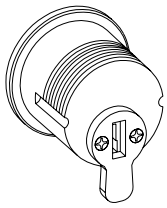


Conversion kit — NL

NL Kit is used for converting 55DT or 55EO to 55NL for night latch function. Kit includes NL cam only.

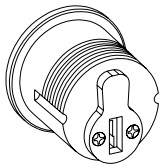
The 55DT trim, 3216 rim cylinder, and 110NL/MD/WDC cylinder assemblies must be ordered separately.

Dogged (inverted) cam



For cylinder dogging
Special dogging

Undogged cam (standard operations)



Undogged cam
(standard operations)

Additional information

UL Listed — Fire exit hardware label/opening size

		Double door		
Exit device	Single door	Same direction vert/vert	Same direction vert/mortise	Double egress
5575-F	3 Hour 4' x 10'	—	3 Hour 8' x 10'	—
5547-F	—	90 Min. 8' x 8'	3 Hour 8' x 8'	3 Hour 8' x 8'
5547-F-WDC	—	90 Min. 8' x 9' 3"	—	90 Min. 8' x 9'3"

ANSI Function, grade and type

Function	Grade 1, type 4	Grade 1, type 3 & 10	Grade 1, type 6 & 8
01	55EO	5575EO 5575EO-F	5547EO/5547WDCEO/F 5547EO-F
02	55DT	5575DT/F	5547DT/5547WDCDT/F
03	55NL	5575NL 5575NL-F	5547NL/5547WDCNL/F
08	55L	5575L	5547L-F/5547EDCL/F
11-12	—	—	5547TL 5547TL-F
11-12	—	—	5547TL-WDC 5547TL-WDC-F

55 Series finishes

Finishes*

	Color	US Number	BHMA Number
	Chromium, polished	US26	625
	Chromium, dull	US26D	626
	Brass, polished	US3	605
	Brass, dull	US4	606
	Bronze, dull	US10	612
	Bronze, dull-oxidized	US10B	613

Special finishes

	Color	US Number	BHMA Number
	Brass, polished	US3A	605
	Brass, dull	US4A	606
	Aged bronze	643E	
	Sprayed black	SPBLK	

*** Note**: Durable powder coated finishes available at specific special request. PLEASE CONTACT FACTORY.

Notes

Finishes*

	Color	US Number	BHMA Number
	Brass, polished	US3	605
	Brass, dull	US4	606
	Satin Bronze	US10	612
	Bronze, dull-oxidized	US10B	613
	Matte Black	US19	622
	Bright Chrome	US26	625
	Satin Chrome	US26D	626
	Aged Bronze	-	643E
	Black Paint	SPBLK	693

*** Note**: Durable powder coated finishes available at specific special request. PLEASE CONTACT FACTORY.

Notes

About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

For more, visit **www.allegion.com**

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ALLEGION™

VON DUPRIN®

78 & 75 Series

Exit Devices

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Customer Service

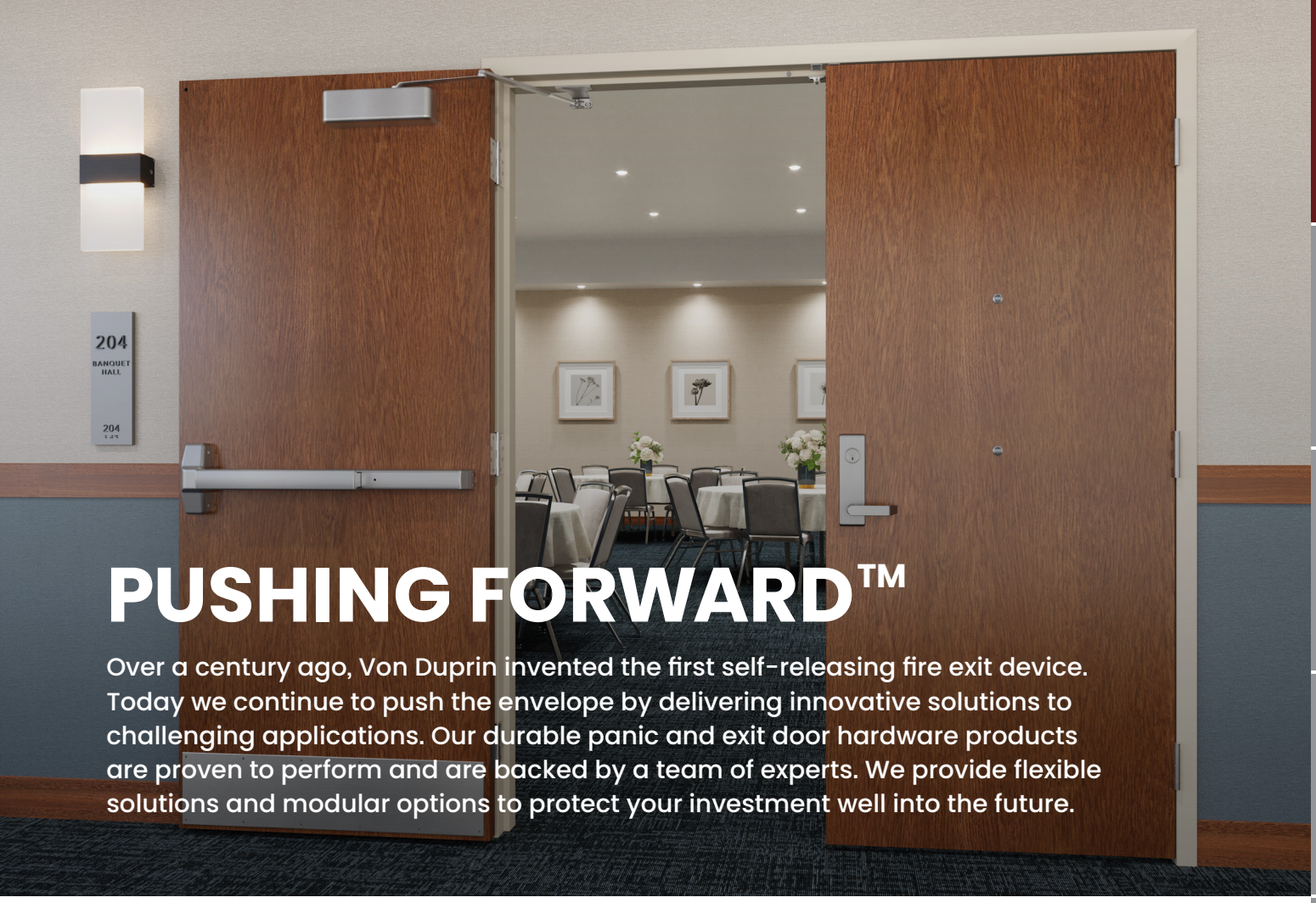
US: 877-671-7011, Option 1
CAN: 800-900-4734
Support@Allegion.com

Technical Support

877-671-7011, Option 2
Exits_TechProdSupport@Allegion.com
YouTube.com/VonDuprinSafety

Ordering

Allegion_Orders@Allegion.com
eFax: 800-999-0328



PUSHING FORWARD™

Over a century ago, Von Duprin invented the first self-releasing fire exit device. Today we continue to push the envelope by delivering innovative solutions to challenging applications. Our durable panic and exit door hardware products are proven to perform and are backed by a team of experts. We provide flexible solutions and modular options to protect your investment well into the future.

Quality

Von Duprin leads the industry with durable solutions that are proven in the field to perform under heavy use and abuse and backed by a team of experts experienced in door hardware application and code compliance.

Flexibility

Von Duprin empowers you to embrace change by providing flexible solutions that can be modified over time as new trim, functions or other options are required, protecting your investment well into the future.

Trust

Von Duprin designed the first self-releasing fire exit device more than a century ago and continues to advance fire and life safety, with innovation and best-in-class support to address your most challenging applications with code compliant solutions.

Mid-Priced, But Beyond Expectations

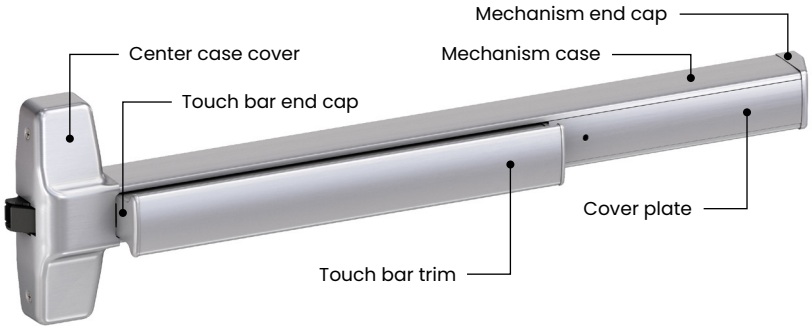
Enjoy the quality and trust you expect from Von Duprin at a mid-price option. Von Duprin 70 Series exit devices provide reliable performance and peace of mind for applications like warehouse, industrial, office, multifamily, retail, and commercial real estate spaces. It's available in a wide range of device types, lever designs, options, and finishes.

Von Duprin's 70 Series also can be configured with the Quiet Electric Latch Retraction (QEL) option, which provides electronic control of an exit device where limited operational noise is desired. Plus, quick shipping is an option for time-sensitive projects.

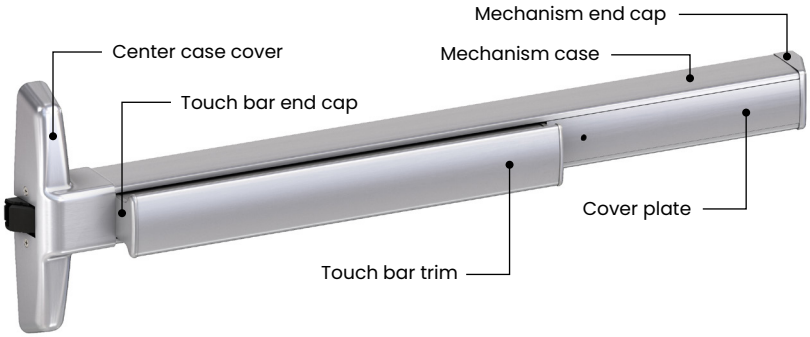
78 & 75 SERIES

Von Duprin exit devices are available as two device stiles, the 78 and the 75 Series.

78 Series is a Wide Stile Device



75 Series is a Narrow Stile Device



Latch Bolt

Deadlocking latch bolt provides security and improved performance at standard device cost.

NOMENCLATURE - HOW TO ORDER

Prefix	Device Series/Type		Trim/ Rating		Suffix Finish		Door Width	Handing	Less Bottom Rod	Trim Options/ Finish	Accessories	Other Information
1	2	3	4	5	6	7	8	9	10	11	12	13
QEL	78	- 27	L	- F	—	- 626	3'	RHR	LBR	780-06/626	SNB	HM

See price book for specific configuration options.

1 Prefixes

None	Standard
AX	Accessible device
CD	Cylinder dogging - panic only
LD	Less dogging
LX	Latch bolt monitoring
QEL	Quiet electric latch retraction
RX	Request to exit

2 Device Series

78	Series 78 Wide Stile
75	Series 75 Narrow Stile

3 Device Type

None	Rim device
27	Surface mounted vertical rod device
47	Concealed vertical rod device

4 Trim Functions

DT	Dummy trim
EO	Exit only*
L	Lever (classroom)
L-BE	Lever - blank escutcheon
L-DT	Lever, rigid - dummy trim
L-NL	Lever, rigid - night latch
NL	Night latch
NL-OP	Night latch cylinder assembly, optional pull
TL	Turn lever
TL-BE	Turn lever - blank escutcheon

* For AD or CO locks, order the panic as Exit Only (EO).

5 Rating

F	Fire exit hardware
Blank	Panic exit hardware

6 Suffix

CON	Connectors
ALK	Alarm exit kit

7 Finish

605	Bright brass
606	Satin brass
612	Satin bronze
619	Satin nickel
625	Bright chrome
626	Satin chrome
628	Aluminum, anodized
630	Satin stainless
643e	Aged bronze
710	Dark brown, anodized
711	Matte black

8 Door Width

3'	Std default
4'	

Door Thickness

1-3/4"	Std
2-1/4"	Optional

9 Handing

LHR	Left hand reverse
RHR	Right hand reverse

10 Less Bottom Rod

LBR	Less bottom rod
LBR-AFL	LBR with fire pin

11 Trim Options/Finish

See trim options/ finish for each device type

Lever style 06 standard default (optional levers available)

12 Accessories

CYL	Cylinder
GBK	Glass bead kit
SEC	Security screws
SNB	Sex bolts

13 Other information

Miscellaneous	
CE	CE labeled
LCP	Less cover plate
10WDA	#10WDA cover plate
Door material	
AL	Aluminum door
HM	Hollow metal
WD	Wood door
CP	Composite door
Door application	
D	Double egress
P	Pair of doors
S	Single door

Device Types

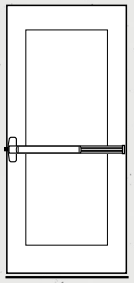
As the pioneer in the industry, Von Duprin continues to advance the industry through customer-centric innovation, which delivers solutions to the most challenging applications.

Backed by high quality standards, Von Duprin exit devices were among the first in the industry certified to ANSI/BHMA A156.3 Grade 1. Our exit devices are tested to the highest standards and proven in the field to perform under heavy use and abuse, giving you peace of mind both now and in the future.

The versatile design can be easily upgraded to connect to a larger electronic ecosystem, empowering you to adapt with flexible solutions. You can configure numerous variations in the field without replacing your device and protecting your investment. This makes upgrades easy and cost effective.

POPULAR APPLICATIONS

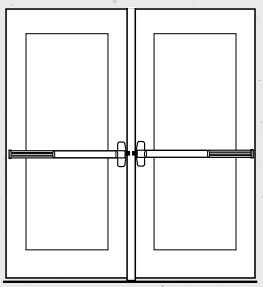
Single Door Applications



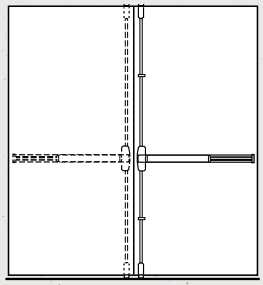
Single rim device

* Do not use with overlapping astragal

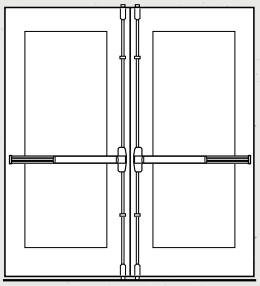
Double Door Applications



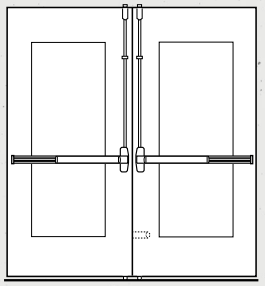
Two rim devices with mullion—same direction



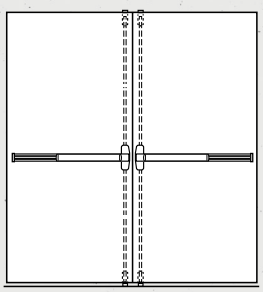
Two vertical rods—double egress
Two surface/concealed rods



Two surface mounted vertical rod devices—same direction*

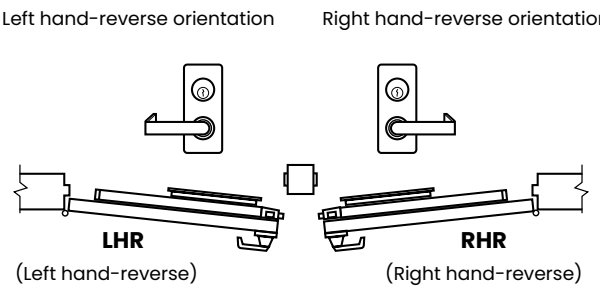


Two fire exit hardware vertical rods with auxiliary fire latch—LBR option*



Two concealed vertical rods—same direction*

Door Handing



204
BANQUET
HALL
204

78 Rim Exit Device

78 Rim exit devices for all types of single and double doors with mullion, UL listed for panic exit hardware. Devices are certified to ANSI/BHMA A156.3 2014, Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts on single doors (may cover cutouts on pairs – consult template).

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	7-7/8" x 2-3/4" x 2-3/8" (200mm x 70mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97 mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
AX	Accessible device
GBK	Glass bead kit
SNB	Sex bolts
SEC	Security screws

Dogging Feature
Hex key dogging standard

Dogging Options	
CD	Cylinder dogging
LD	Less dogging
QEL	QEL options available

Strike	
299	Dull black

Accessories

299 Strike
Ships standard, optional strikes available.

Hex key dogging
Comes standard on 78 panic exit device

78-F Fire-Rated Rim Exit Device

78-F Rim fire exit devices are certified to ANSI/BHMA A156.3, Grade 1 and UL listed for fire exit hardware. See UL fire exit hardware label and door opening size information within this catalog.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011 mm) 39-11/16" (1008mm) with mullion
Center case	7-7/8" x 2-3/4" x 2-3/8" (200mm x 70mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
AX	Accessible device
GBK	Glass bead kit
SNB	Sex bolts
SEC	Security screws

Dogging Options	
	No mechanical dogging

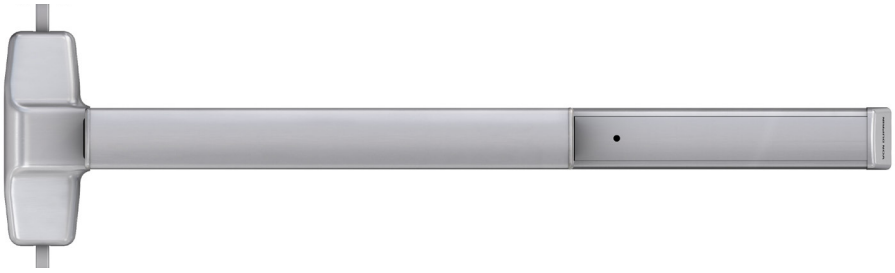
Strikes	
299F	Dull black
499F	Strike with mullions

Accessories

299F Strike
Ships standard, optional strikes available

499F Strike
With 9854/9954 mullion

7827 Surface Mounted Vertical Rod Device



7827 Surface mounted vertical rod device for all types of single or double doors, UL listed for panic exit hardware. Devices are certified to ANSI/ BHMA A156.3 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	7-7/8" x 2-3/4" x 2-3/8" (200mm x 70mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97 mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
AX	Accessible device
GBK	Glass bead kit
LBR	Less bottom rod
SNB	Sex bolts
SEC	Security screws

Dogging Feature
Hex key dogging standard

Dogging Options	
CD	Cylinder dogging
LD	Less dogging
QEL	QEL options available

Strikes	
299	Top—Dull black
248L4 & 304L	Bottom—Unfinished

Accessories

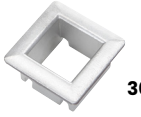
299
Top strike

248L4
Bottom strike
For use with flat threshold

Top latch

Bottom latch

Hex key dogging
Comes standard on 78 panic exit device



304L Bottom strike

7827-F Fire-Rated Surface Mounted Vertical Rod Device

7827-F Fire exit surface mounted vertical rod device are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See UL fire exit hardware label and door opening size information within this catalog. Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors. Rod and latch guards can be used on hollow metal or tin clad composite fire doors.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	7-7/8" x 2-3/4" x 2-3/8" (200mm x 70mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97 mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
AX	Accessible device
GBK	Glass bead kit
LBR	Less bottom rod
SNB	Sex bolts
SEC	Security screws

Dogging Options	
	No mechanical dogging

Strikes	
299F & 499F LBR	Top—Dull black
304L	Bottom, Dull black, Unfinished

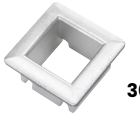
Accessories

299F Strike
Ships standard, optional strikes available

499F Top strike
LBR

Top latch

Bottom latch



304L Bottom strike

7847 Concealed Vertical Rod Device

7847 Concealed vertical rod device for use on single or double metal doors, UL listed for panic exit hardware. These are certified to ANSI/BHMA A156.3 Grade 1.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	7-7/8" x 2-3/4" x 2-3/8" (200mm x 70mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
GBK	Glass bead kit
LBR	Less bottom rod
SNB	Sex bolts
SEC	Security screws

Dogging Feature
Hex key dogging standard

Dogging Options	
CD	Cylinder dogging
LD	Less dogging
QEL	QEL options available

Strikes	
338	Top—Unfinished
385A	Bottom—Unfinished

Accessories

338 Top strike

385A Bottom strike

Top latch

Bottom latch

Hex key dogging
Comes standard on 78 panic exit device

7847-F Fire-Rated Concealed Vertical Rod Device

7847-F Fire exit concealed vertical rod device are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See UL fire exit hardware label and door opening size information within this catalog.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	7-7/8" x 2-3/4" x 2-3/8" (200mm x 70mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97 mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
GBK	Glass bead kit
LBR	Less bottom rod
SNB	Sex bolts
SEC	Security screws

Dogging Options	
	No mechanical dogging

Strikes	
338	Top—Unfinished
385A	Bottom—Unfinished

Accessories

338 Top strike

Top latch

385A Bottom strike

Bottom latch

7847WDC Wood Door Concealed Vertical Rod Device

7847WDC Concealed vertical rod device for use on single or double wood doors, UL listed for panic exit hardware. Devices are certified to ANSI/BHMA A156.3 Grade 1.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	7-7/8" x 2-3/4" x 2-3/8" (200mm x 70mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking top bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm) maximum
Top and bottom latch case	3 3/4" x 1 1/2" x 1" (95mm x 38mm x 25mm)
Vertical rods	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm). Bottom rod adjustable 35-5/8" (905mm) to 49-5/8" (1260 mm). Extension rod kits available for doors over 8'4" (2533mm).
Scalp plate	Device is furnished standard with an 8" (203mm) long scalp plate for easy access to rods
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick wood doors. (425 SNB required on wood doors without SLM blocking)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim; no cylinder override
ALK	Quiet electric latch retraction
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
GBK	Glass bead kit
LBR	Less bottom rod
SNB	Sex bolts
SEC	Security screws

Dogging Feature
Hex key dogging standard

Dogging Options	
CD	Cylinder dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes	
338	Top—Unfinished
385A	Bottom—Unfinished

Accessories

338 Top strike

385A Bottom strike

Top latch

Bottom latch

Hex key dogging
Comes standard on 78 panic exit device

7847WDC-F Wood Door Concealed Vertical Rod Fire Device

7847WDC-F Fire exit concealed vertical rod devices are certified to ANSI/ BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See UL fire exit hardware label and door opening size information within this catalog.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm)
Center case	7-7/8" x 2-3/4" x 2-3/8" (200mm x 70mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking top and bottom bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm) maximum
Top and bottom latch case	3-3/4" x 1-1/2" x 1" (95mm x 38mm x 25mm)
Vertical rods	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm). Bottom rod adjustable 35-5/8" (905 mm) to 49-5/8" (1260 mm). Extension rod kits available for doors over 8'4" (2533mm).
Scalp plate	Device is furnished standard with an 8" (203mm) long scalp plate for easy access to rods
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (425 SNB required on wood doors without SLM blocking)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction
WP-RX	Waterproof request to exit

Mechanical Options	
GBK	Glass bead kit
LBR	Less bottom rod
SNB	Sex bolts
SEC	Security screws

Dogging Options	
	No mechanical dogging

Strikes	
338	Top—Unfinished
385A	Bottom—Unfinished

Accessories

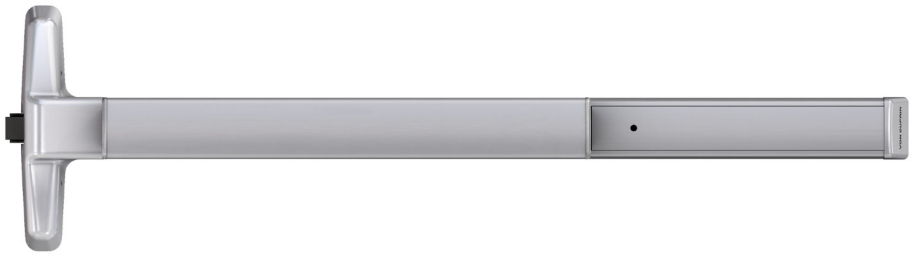
338 Top strike

385A Bottom strike

Top latch

Bottom latch

75 Rim Exit Device



75 rim exit devices for all types of single and double doors with mullion, UL listed for panic exit hardware. Devices are certified to ANSI/BHMA A156.3 Grade 1.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	9" x 1-5/8" x 2-3/8" (229mm x 41mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E, US10B (613)
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim; no cylinder override
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
AX	Accessible device
GBK	Glass bead kit
SNB	Sex bolts
SEC	Security screws

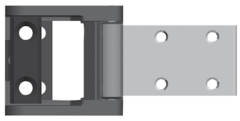
Dogging Feature
Hex key dogging standard

Dogging Options	
CD	Cylinder dogging
LD	Less dogging
QEL	QEL options available

Strikes	
1439	Dull black
Optional strikes	

Accessories

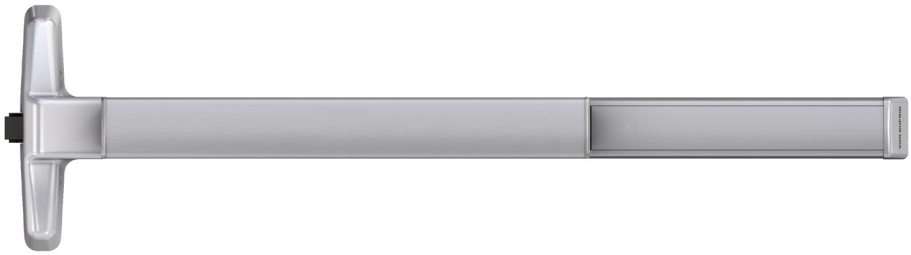
299 Strike
Needs to be specified for hollow metal frames



1439 Roller
Ships standard, optional strikes available

Hex key dogging
Comes standard on 75 panic exit device

75-F Fire-Rated Rim Exit Device



75-F Rim fire exit devices are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See UL fire exit hardware label and door opening size information within this catalog.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	9" x 1-5/8" x 2-3/8" (229mm x 41mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E, US10B (613)
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim; no cylinder override
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
AX	Accessible device
GBK	Glass bead kit
SNB	Sex bolts
SEC	Security screws

Dogging options	
	No Mechanical dogging

Strikes	
299F	Dull black
499F	With mullion

Accessories

299F Strike
Ships standard

499F Strike
With 9954 mullion

7527 Surface Mounted Vertical Rod Device

7527 Surface mounted vertical rod device for all types of single or double doors, UL listed for panic exit hardware. Devices are certified to ANSI/ BHMA A156.3 Grade 1. Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	9" x 1-5/8" x 2-3/8" (229mm x 41mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E, US10B (613)
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim; no cylinder override
ALK	Quiet electric latch retraction
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
GBK	Glass bead kit
LBR	Less bottom rod
SNB	Sex bolts
SEC	Security screws

Dogging Feature
Hex key dogging standard

Dogging Options	
CD	Cylinder dogging
LD	Less dogging
QEL	QEL options available

Strikes	
266	Top—Dull black
248L4 & 304L	Bottom—Unfinished
	Optional strikes

Accessories

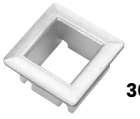
266
Top strike, ships standard

248L4
Bottom strike
For use with flat threshold

Top latch

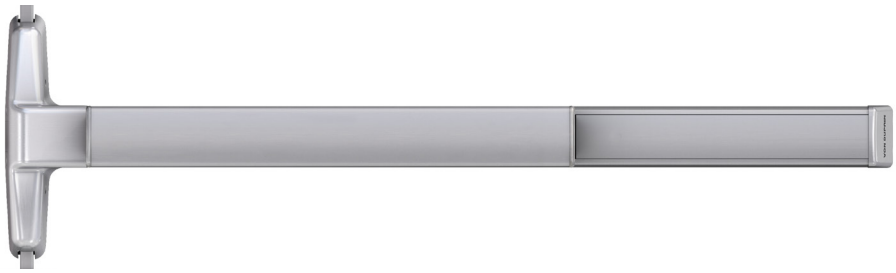
Bottom latch

Hex key dogging
Comes standard on 75 panic exit device



304L Bottom strike

7527-F Fire-Rated Surface Mounted Vertical Rod Device



7527-F Fire exit surface mounted vertical rod device are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See UL fire exit hardware label and door opening size information within this catalog. Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors. Rod and latch guards can be used on hollow metal or tin clad composite fire doors.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	9" x 1-5/8" x 2-3/8" (229mm x 41mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E, US10B (613)
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim; no cylinder override
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
GBK	Glass bead kit
SNB	Sex bolts
SEC	Security screws

Dogging Options	
	No mechanical dogging

Strikes	
299F/ (499F for LBR)	Top—Dull black
248L4 & 304L	Bottom—Unfinished
	Optional strikes

Accessories

299F Strike
Ships standard, optional strikes available

499F Strike
With 9954 mullion

Top latch

Bottom latch

304L Bottom strike

7547 Concealed Vertical Rod Device

7547 Concealed vertical rod device for use on single or double metal doors, UL listed for panic exit hardware. These are certified to ANSI/BHMA A156.3 Grade 1.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	9" x 1-5/8" x 2-3/8" (229mm x 41mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E, US10B (613)
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim; no cylinder override
ALK	Quiet electric latch retraction
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
GBK	Glass bead kit
LBR	Less bottom rod
SNB	Sex bolts
SEC	Security screws

Dogging Feature
Hex key dogging standard

Dogging Options	
CD	Cylinder dogging
LD	Less dogging
QEL	QEL options available

Strikes	
388	Top—Unfinished
385A	Bottom—Unfinished
	Optional strike

Accessories

388 Top strike

385A Bottom strike

Top latch

Bottom latch

Hex key dogging
Comes standard on 75 panic exit device

7547-F Fire-Rated Concealed Vertical Rod Device

7547-F Fire exit concealed vertical rod device are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See UL fire exit hardware label and door opening size information within this catalog.

Specifications	Details
Device functions	Device ships EO/DT/NL; Field selectable
Device lengths	3' 2' 6" to 3' (762mm to 914mm) door size 4' 3' to 4' (914mm to 1219mm) door size
Device centerline from finished floor	39-13/16" (1011mm) 39-11/16" (1008mm) with mullion
Center case	9" x 1-5/8" x 2-3/8" (229mm x 41mm x 60mm)
Mechanism case	2-5/16" x 2-1/8" (59mm x 54mm)
Projection	Pushbar neutral - 3-13/16" (97mm) Pushbar depressed - 3-1/16" (78mm)
Latch bolt	Deadlocking, 5/8" (15.875mm) throw
Finishes	US26D (626), US28 (628), 313 (710), US4 (606), US3 (605), US15 (619), US26 (625), 315 (711), 643E, US10B (613)
Pushbar length	3' 18" (457mm) 4' 24" (610mm)
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (4mm) and 2-1/4" (57mm) thick metal or wood doors (Optional 425 SNB available)

Features & Options

Electrified Options	
LX	Latch bolt monitor switch
RX	Request to exit
E	Electric locking and unlocking trim; no cylinder override
ALK	Alarm exit kit
CON	Allegion Connect
QEL	Quiet electric latch retraction

Mechanical Options	
GBK	Glass bead kit
LBR	Less bottom rod
SNB	Sex bolts
SEC	Security screws

Dogging Options	
	No mechanical dogging

Strikes	
388	Top—Unfinished
385A	Bottom—Unfinished
	Optional strike

Accessories

388 Top strike

385A Bottom strike

Top latch

Bottom latch

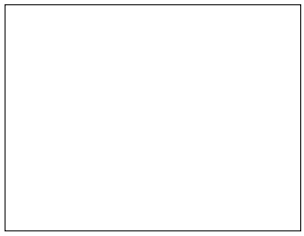
Trim Functions

Von Duprin protects your investment by empowering you to adapt with flexible solutions and modular options. The 78 and 75 Series features numerous trim options to serve your different needs. Designed with flexibility in mind, our solutions offer ease of adding new options as they are developed.

With Von Duprin, you can be confident that as the needs of your facility change, our products can be upgraded easily to meet your needs, especially as the mechanical and electronic technology converge. Von Duprin's versatile design enables you to add functionality to existing devices in a cost-effective way, protecting your investment well into the future.

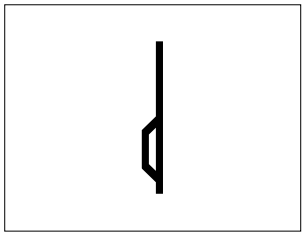
A variety of device trim lock type functions such as key lock and unlock, latch bolt retraction with key and no cylinder designs for an "always operable" function are available in levers, knobs, latches, thumbpiece and thumbturn designs.

78 Series Trim Functions



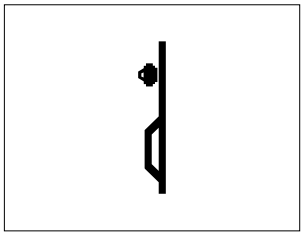
EO
No outside

- Exit only



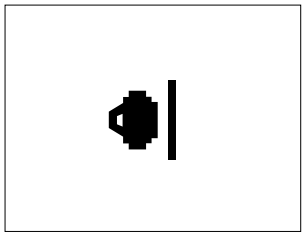
DT
Dummy

- Pull when dogged (not recommended for fire device)



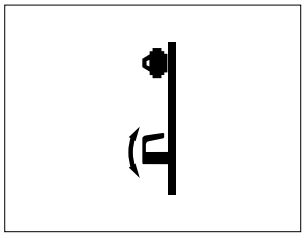
NL
Night latch

- Key retracts latch bolt
- Rim cylinder



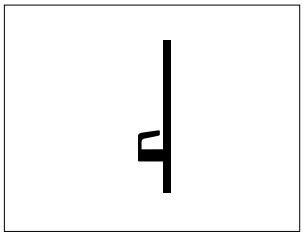
NLOP
Night latch

- Key retracts latch bolt, pull required
- Rim cylinder



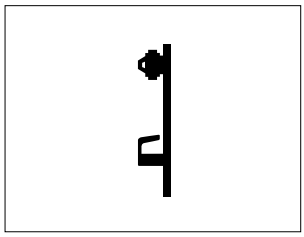
L
Lever

- Key locks and unlocks
- 1-1/4" mortise cylinder
- Handed, reversible lever
- Electrified lever operation available



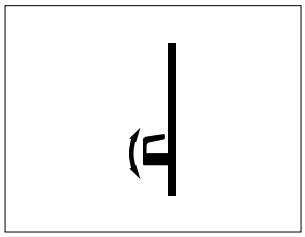
LDT
Lever, dummy trim

- Pull when dogged (not recommended for fire device)



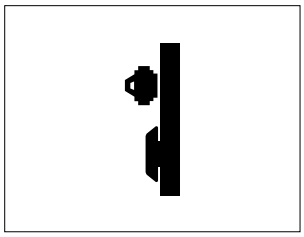
LNL
Lever, night latch

- Key retracts latch bolt
- 1-1/4" mortise cylinder
- Handed, reversible lever



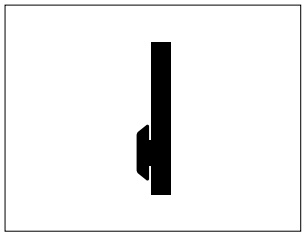
LBE
Lever, blank escutcheon

- Always operable (no cylinder)



TL
Turn lever

- Key locks and unlocks; or key unlocks, then relocks when key is removed (use with DT trim)
- 1-1/4" mortise cylinder



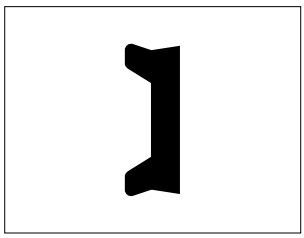
TLBE
Turn lever, blank escutcheon

- Blank escutcheon always operable (no cylinder, use with DT trim)

75 Series Trim Functions

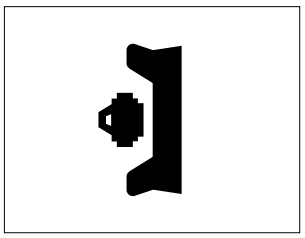
EO
No outside

- Exit only



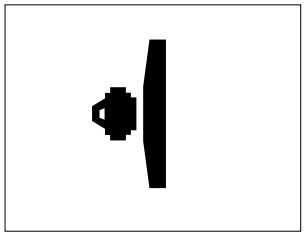
DT
Dummy

- Pull when dogged (not recommended for fire device)



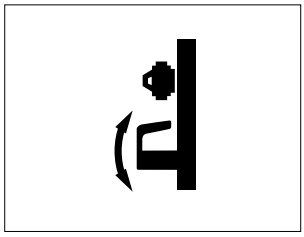
NL
Night latch

- Key retracts
- Rim cylinder



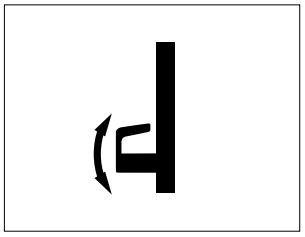
NLOP
Night latch

- Key retracts latch bolt, optional pull required
- Rim cylinder



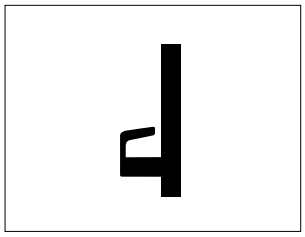
L
Lever

- Key locks and unlocks; or key unlocks, then relocks when key is removed.
- 1-1/4" mortise cylinder
- Handed, reversible lever



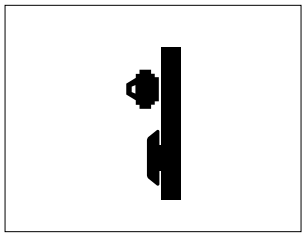
LBE
Lever, blank escutcheon

- Always operable (no cylinder)
- Electrified lever operation available



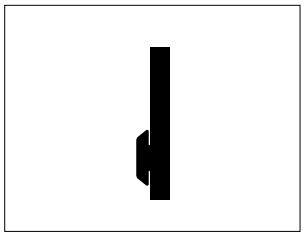
LDT
Lever, dummy trim

- Pull when dogged (not recommended for fire device)



TL
Turn lever

- Key locks and unlocks; or key unlocks, then relocks when key is removed (use with DT trim)
- 1-1/4" mortise cylinder



TLBE
Turn lever, blank escutcheon

- Blank escutcheon always operable (no cylinder, use with DT trim)

No Trim

None

Trim Description		
Nomenclature	EO	110NL-MD and 110NL-WD
Trim function	Exit only	Dummy trim
Function description	No outside trim	Night latch Key retracts latch bolt Optional pull required
ANSI function	01	03
Device Compatibility		
78 Rim	•	•
78 Rim-F	•	•
7827	•	•
7827-F	•	•
7847	•	•
7847-F	•	•
75 Rim	•	
75 Rim-F	•	
7527	•	
7527-F	•	
7547	•	
7547-F	•	
Dimensions		
Escutcheon plate size	-	-
Pull center to center	-	-
Projection	-	-
Cylinder Type	-	Rim
Handing	-	-

780 Trim

Trim Description				
Nomenclature	780L	780L-NL	780L-BE	780L-DT
Trim function	-	-	-	-
Function description	Lever Key locks and unlocks	Lever-night latch Key retracts latch bolt	Lever-blank escutcheon Always operable, no cylinder	Lever-dummy trim Pull when dogged
ANSI function	08	03	14	02
Device Compatibility				
78 Rim	•	•	•	•
78 Rim-F	•	•	•	•
7827	•	•	•	•
7827-F	•	•	•	•
7847	•	•	•	•
7847-F	•	•	•	•
75 Rim				
75 Rim-F				
7527				
7527-F				
7547				
7547-F				
Dimensions				
Escutcheon plate size	9-3/4" x 2-3/4" x 7/8" (248 x 70 x 22mm)			
Pull center to center	-	-	-	-
Projection	3-1/4" (83mm)	3-1/4" (83mm)	3-1/4" (83mm)	3-1/4" (83mm)
Cylinder Type	Mortise	Mortise	-	-
Handing	Handed/reversible	Handed/reversible	Handed/reversible	Handed/reversible

Note: Cannot convert a 780L trim to 780L-NL.
Note: Most lever designs are field reversible - see specific lever design (pages 56 and 57).

785 Trim

Trim Description			
Nomenclature	785EO	785DT	785NL
Trim function			
Function description	Exit only plate	Dummy trim Pull when dogged	Night latch Key retracts latch bolt Optional pull required
ANSI function	01	02	03
Device Compatibility			
78 Rim	•	•	•
78 Rim-F	•	•	•
7827	•	•	•
7827-F	•	•	•
7847	•	•	•
7847-F	•	•	•
75 Rim			
75 Rim-F			
7527			
7527-F			
7547			
7547-F			
Dimensions			
Escutcheon plate size	3" x 14-3/16" x 3/32" (76 x 360 x 2mm)		
Pull center to center	5-1/2" (140mm)	5-1/2" (140mm)	5-1/2" (140mm)
Projection	2" (51mm)	2" (51mm)	2" (51mm)
Cylinder Type	-	-	Rim
Handing	-	-	-

785 Control x 374 & 785 Control x 376 Trim

Trim Description				
Nomenclature	785DT x 374T	785DT x 374T-BE	785DT x 376T	785DT x 376T-BE
Trim function				
Function description	Thumbturn Key locks and unlocks; or key unlocks, then relocks when key is removed	Thumbturn-blank escutcheon always operable (no cylinder)	Thumbturn Key locks and unlocks; or key unlocks, then relocks when key is removed	Thumbturn-blank escutcheon always operable (no cylinder)
ANSI function	11-12 field selectable*		11-12 field selectable*	
Device Compatibility				
78 Rim				
78 Rim-F				
7827	•	•		
7827-F	•	•		
7847			•	•
7847-F			•	•
75 Rim				
75 Rim-F				
7527				
7527-F				
7547				
7547-F				
Dimensions				
Escutcheon plate size	TL: 1-11/16" x 7-1/2" x 7/8" (43 x 191 x 22mm) DT: 3" x 14-3/16" x 3/32" (76 x 360 x 2mm)			
Pull center to center	-	-	-	-
Projection	2" (51mm)	2" (51mm)	2" (51mm)	2" (51mm)
Cylinder Type	1-1/4" mortise	-	1-1/4" mortise	-
Handing	-	-	-	-

*Field-selectable by inverting or un-inverting cam.

386 & 388 Trim

Trim Description			
Nomenclature	386DT	386NL	388
Trim function	Dummy trim		
Function description	Pull when dogged	Night latch Key retracts latch bolt	Night latch Key retracts latch bolt optional pull required
ANSI function	02	03	03
Device Compatibility			
78 Rim			
78 Rim-F			
7827			
7827-F			
7847			
7847-F			
75 Rim	•	•	•
75 Rim-F	•	•	•
7527	•	•	•
7527-F	•	•	•
7547	•	•	•
7547-F	•	•	•
Dimensions			
Base width	1-5/8"	1-5/8"	1-11/16"
Base height	7-15/32"	7-15/32"	7-15/32"
Projection	2-7/16"	2-7/16"	1"
Grip width	4-5/16"	4-5/16"	-
Grip height	8-1/2"	8-1/2"	-
Cylinder Type	-	Rim	Rim
Handing	-	Handed	-

Trim options

360 Trim

Trim Description			
Nomenclature	360L	360L-BE	360L-DT
Trim function			
Function description	Lever Key locks and unlocks	Lever blank escutcheon always operable (no cylinder)	Lever Pull when dogged
ANSI function	08 or 09 field selectable*	-	02
Device Compatibility			
78 Rim			
78 Rim-F			
7827			
7827-F			
7847			
7847-F			
75 Rim	•	•	•
75 Rim-F	•	•	
7527	•	•	•
7527-F	•	•	
7547	•	•	•
7547-F	•	•	
Dimensions			
Base width	1-11/16"	1-11/16"	1-11/16"
Base height	7-1/2"	7-1/2"	7-1/2"
Projection	3"	3"	3"
Grip width	-	-	-
Grip height	-	-	-
Cylinder Type	1-1/4" mortise	-	-
Handing	Handed/Reversible	Handed/Reversible	Handed/Reversible

*Field-selectable by inverting or un-inverting cam.
Note: Most lever designs are field reversible - see specific lever design (pages 56 and 57).

386 Dummy Trim x 374 Control or 376 Control

Trim Description				
Nomenclature	386DT x 374T	386DT x 374T-BE	386DT x 376T	386DT x 376T-BE
Trim function				
Function description	Key locks and unlocks; or key unlocks, then relocks when key is removed	Thumbturn-blank escutcheon always operable (no cylinder)	Key locks and unlocks; or key unlocks, then relocks when key is removed	Thumbturn-blank escutcheon always operable (no cylinder)
ANSI function	11-12 field selectable*		11-12 field selectable*	
Device Compatibility				
78 Rim				
78 Rim-F				
7827				
7827-F				
7847				
7847-F				
75 Rim				
75 Rim-F				
7527	•	•		
7527-F	•	•		
7547			•	•
7547-F			•	•
Dimensions				
Escutcheon plate size	TL: 1-11/16" x 7-1/2" x 7/8" (43 x 191 x 22mm)			
Pull center to center	-	-	-	-
Projection	-	-	-	-
Cylinder Type	1-1/4" mortise	-	1-1/4" mortise	-
Handing	-	-	-	-

*Field-selectable by inverting or un-inverting cam.

Dogging Options

Cylinder Dogging (CD)

Cylinder dogging is available on all 78 and 75 panic exit devices to replace the standard hex key dogging. Unit requires a standard 1-1/4" (32mm) mortise cylinder with an inverted straight cam. When ordering, reference Schlage cylinder 20-001, 1-1/4", XQ11-949. This provides the L583-477 cam inverted at the factory.

To order, specify:

- Use prefix, CD, example CD78L

Less Dogging (LD)

Less dogging is available in all 78 and 75 Panic exit devices to remove the dogging option.

To order, specify: Use prefix LD, example LD78L

Cylinder Dogging Kit* (CDK)

For field conversion, from hex key dogging, conversion kit is available.

*Cannot be added to fire exit hardware.

To order, specify:

- 78CDK or 75CDK, specify finish

Hex Key Dogging Kit* (HDK)

For field conversion, from cylinder dogging, conversion kit is available.

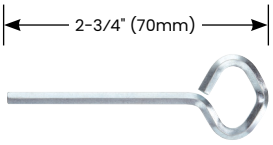
*Cannot be added to fire exit hardware.

To order, specify:

- 78HDK or 75HDK, specify finish

Dog Key

Dog key (standard)



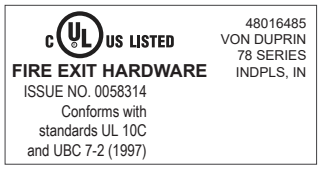
5/32" (4mm) hex

Accessibility Options

Accessible Device (AX)

The AX device is a UL certified exit device designed to meet the progressive requirements of the California Building Code for accessible openings. This device meets the 5 lbs of operating force requirement called for in chapter 11B-309.4. The AX device also exceeds ANSI/BHMA requirements.

Available devices include: AX-78, AX-78-F, AX-7827-LBR, AX-7827-F-LBR, AX-75, AX-75-F. Additionally, all AX devices will be shipped with a UL label clearly stating “Meets California Building Code (2013) Sec. 11B-309.4” and an “AX” identifier label on device center case. See images for reference.



Latches

Less Bottom Rod, Panic and Fire Rated (LBR)

LBR option is available on panic rated devices by eliminating the bottom rod, latch, and strike. LBR option is available on fire rated devices, using a spring loaded auxiliary latch bolt installed in the lower door edge. When exposed to heat the auxiliary latch bolt releases, keeping the doors in alignment and closed during a fire. See UL fire exit hardware label and door opening size information within this catalog. Fits door stiles as narrow as 3-5/8".

Fire-rated LBR devices must be ordered in pairs or must be used in conjunction with an approved automatic or constant latching flush bolt.

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Latch Retraction

Quiet Electric Latch Retraction (QEL)

Quiet electric latch retraction (QEL) provides electronic control of an exit device for environments where limited operational noise is desired. These devices always provide mechanical egress. The electrified latch retraction can also be activated by an access system or building automation system to unlatch the exit device momentarily. Often the QEL is used with a credential reader and access control system to unlock the door momentarily for authorized users.

The QEL can also be configured to electronically retract the latch for an extended period of time to allow free entry. This is a convenient alternative to mechanical dogging. If manual dogging required on a panic rated QEL device, the hex dogging option is available, to order specify HD-QEL.

The QEL option is available on panic devices and fire rated devices. UL approved for Class II circuit applications.

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS902 or 914 power supply.

The 900 Series power supply with the 2RS, 4RL or 4R board is the minimum required. Other option boards available for other functions, see 900 Series power supply for additional information.

The QEL has a low in rush current, so it can be used with standard Schlage power supplies. Calculate the peak current draw of all devices in the system to determine the required amperage of the supply.

The -2RS option board is designed to control two electric latch retraction devices and provide time delay between the firing of outputs is required. The power transfer is also sold separately.

To order, specify:

- Standard — Use prefix QEL, example QEL78L

Note: Baseplate and modular QEL conversion kits are available for field retrofit. Please see parts/service manual for part numbers.

Schlage PS902	Schlage PS904	Schlage PS906
Up to 2 amps	Up to 4 amps	Up to 6 amps

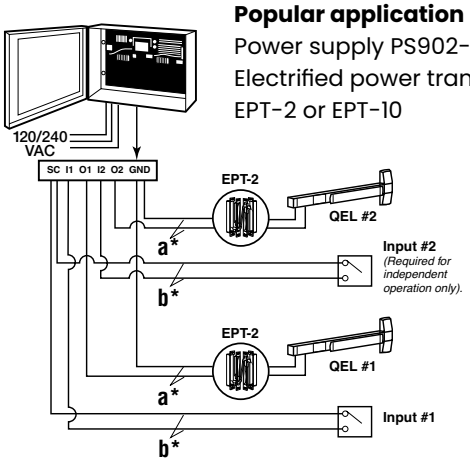
QEL Electrical Load	
Voltage	24VDC
Current	1.0 A Inrush (0.5 sec.)/0.14 A Holding

Minimum Door Opening Widths*

Application	Surface Vertical	Concealed Vertical	Rim
Minimum door opening	29-1/2"	29-1/2"	30-1/2"

*For 3' devices. For 4' devices, add 6".

Popular application
Power supply PS902-2RS
Electrified power transfer
EPT-2 or EPT-10



a*

Distance (One-Way)	Wire Gauge
200'	18 AWG
320'	16 AWG
500'	14 AWG
800'	12 AWG

b*

Wire Selection	Switch Wire Size
1200 ft. max	18 gauge standard

Switches

Request to Exit (RX)

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the push pad.

The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

The RX switch option should not be used to control a load, but as a signaling switch (2 amps resistive maximum).

To order, specify:

- Standard – Use prefix RX, example RX78EO

Latch Bolt Monitoring (LX)

The LX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latch bolt.

The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

The LX switch option should not be used to control a load, but as a signaling switch (2 amps resistive maximum).

To order, specify:

- Standard – Use prefix LX, example LX78EO

Note: All switches can be either factory or field installed

Alarm Kit

Alarm kit (ALK) is a simple yet effective way to deter unauthorized use of an opening. While the exit device is still a means of egress, the ALK kit contains an internal horn. When the touch bar is depressed, the horn sounds to provide an audible means of signaling that the opening has been violated. The alarm kit can be armed or disarmed by key thus allowing the exit device to be set in an armed or disarmed mode. The horn is rated at 85 decibels.

For hardwire applications, the assembly includes both a 24VDC Input and External Inhibit standard. The External Inhibit provides remote arming and dis-arming.

The key switch uses a standard 1-1/4" (32mm) mortise cylinder with a straight cam (Schlage 20-001, L583-477 cam). The unit operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal.

Auto reset (AR) option comes standard with this kit. This feature allows the device to resume the alarm option after a preset time. Preset times can be field selected at 1.5, 3, or 4.5 minutes.

Alarm kits are available with a choice of two switch kits, RX or LX. RX monitors the touchpad and is furnished standard. LX optional latch bolt monitoring is recommended for use with surface vertical rod exit devices or when alarm needs to sound from both the exit device and trim side of the door. Specify ALK-LX.

The ALK includes a 6" x 20" decal for application on door "EMERGENCY EXIT ONLY. ALARM WILL SOUND." RSS push bar trim can be used instead of the door decal, specify RSS push bar trim when ordering the device.

When the ALK is used, standard dogging is removed. If cylinder dogging is required, the ALK can be moved to the hinge side of the device, and standard cylinder dogging (CD) can be added. Note size restrictions below.

How to Order:

- Standard - when ordering full device with ALK, use ALK suffix with RX or LX prefix - Example: RX78EO ALK
- Available as a Kit for field installation specify series, size, finish, and switch desired- Example: 78 ALK 3' x finish x RX

Minimum door opening sizes on ALK applications

Device	3' (914mm) Length	4' (1219mm) Length
78/78-F/75/75-F	2' 11-1/2" (902mm)	3' 5-1/2" (1054mm)
7827/7827-F/7527/7527-F	2' 11-1/2" (902mm)	3' 5-1/2" (1054mm)
7847/7847-F/7547/7547-F	2' 10-1/2" (876mm)	3' 4-1/2" (1029mm)

Electrified Trim

Applies to 78 Exit Device Only

E780L/L-BE Electrified Lever Trim

E780L/L-BE Electrified lever trim provides remote locking and unlocking. Available in either fail safe (FS) or fail secure (FSE) condition.

FS (Fail safe–unlocks when power is interrupted) can be used in areas requiring doors to be unlocked due to fire, power failure or emergency situations. (Examples: stairwells, fire exits, etc.)

FSE (Fail secure–locks when power is interrupted can be used in areas requiring doors to be locked for security reasons and only unlocked when energized by authorized personnel. (Examples: banks, inner-office, etc.)

With either feature, authorized personnel can gain access utilizing key by overriding or bypassing electric locking function.

Specifications

- Solenoid rated for continuous duty at 24V DC 0.4 amps
- UL listed devices
- Device channel is used as conduit on 78 Series devices
- Power transfer (EPT-2) hinge 2-wire minimum rated 1/2 amp

Minimum Power Supply—PS902

The series 902 power supply is the recommended power supply for use with an FSA or FSE trim. The series 902 power supply is also designed for electric locking or monitoring of single or double door applications.

RX Option

RX option available for 780 trim to monitor lever trim operation (available as L or L-BE). To order, add RX prefix to trim description.

Note: The RX switch option should not be used to control a load, but as a signaling switch only.

To order, specify:

- Use “E” prefix, example E780L or E780L-LBE. When ordering with the exit device, specify trim series with prefix “E”, example 7827L x 626 x E780
- RHR furnished standard if not specified
- Lever style (06 lever furnished standard) Other levers, no extra charge
- Other lever designs available, see pages 54 and 55

Applies to 75 Exit Device Only

E360 Electric Trim

Specify Fail Safe (FS) or Fail Secure (FSE). 24VDC furnished standard, 12VDC available through special order.

To order, specify:

- Prefix lever or thumbturn control with "E" Example: E360L-BE, E360T-BE
- E360LBE, E360TBE functions
- 01, 02, 03, 05, 07, 12, 16, 17, Latitude (LAT)

Power Supplies

PS900 Series Power Supplies

The PS900 Series is a consolidated line of power supplies and accessories that offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 Series can be used in a variety of applications to convert high voltage AC power into the regulated low voltage DC outputs required by most access control devices. The PS900 Series protects devices downstream by providing Class 2, filtered and regulated power. The full line is UL294 certified.

Features

- Constant output rating at both 12VDC or 24VDC provides superior performance; includes field selectable jumper
- Flat mounting of option boards provides easier access to terminal blocks for connection of electrified devices
- High voltage protective cover
- Battery back-up board auto-selects voltage
- Fire alarm relay can be configured to provide either switched or un-switched outputs from a power supply
- PS914 designed with high inrush current for powering electrified panic devices
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Fused primary input
- AC status monitor—isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover with lock down screws
- Optional keylock

Certifications

- UL 294 certified—the standard for access control
- Class 2 rated

Power Supplies

PS900 Series Power Supplies

The PS900 Series offers a variety of distribution options, including basic fuse protection, simple relay, and advanced logic providing complex sequencing and timing functions.

Connectors on the Power Supply				
Product	Schlage PS902	Schlage PS904	Schlage PS904	Von Duprin PS914
Amperage	2 amps	4 amps	6 amps	4 amps with 16 amp inrush
Distribution boards	1	2	3	2
Battery back-up board	1	1	1	1
EL Compatible	No	No	No	Yes

Applications

The PS900 Series of power supplies works with many electrified devices including Schlage electromagnetic locks, Schlage AD Series hardwired locks, Schlage electrified mechanical locks, Von Duprin electrified strikes, Von Duprin exit devices and many other brands.

Accessories

The PS900 Series features seven option boards for use in a variety of applications. All PS900 Series power supplies option boards are UL 294 certified.

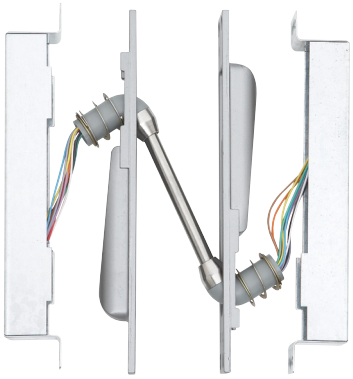
Option Boards

- **900-4R:** 4 relay controlled output board to power multiple devices
- **900-4RL:** 4 relay distribution board with logic is field configurable for time delay function, auto operator, security interlock
- **900-8F:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-8P:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-FA:** Emergency interface relay integrates with fire alarm and is used to cut power in case of emergency[2]
- **900-BB:** Battery backup
- **900-2RS:** 2 relay control board for electric latch panic devices (EL or QEL), electric strikes or electrified trim
- **900-BBK:** Battery backup kit includes two 7A/hr batteries and provides up to four hours of backup power when cycled every 5 minutes at full load

1. PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.
2. Except PS906, output rating exceeds Class 2 power limits.
3. PS906, output rating exceeds Class 2 power limits, but can provide Class 2 rated outputs when used with 900-8P distribution board.

Electrical Power Transfers

Electrical Power Transfer (EPT)



Electrical Power Transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideal for installations involving abuse or heavy traffic.

Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires. The EPT-2 and EPT-10 are U/L listed as “miscellaneous door accessory”. UL Listed for use on fire doors.

Door Applications		
Degree of Opening	**Hinge Type**	**Door Thickness**
0-180	Up to 5" butt hinges	1-3/4"
0-180	Up to 3/4" offset pivots	1-3/4"
0-130	5-1/2" butt hinges	1-3/4"
0-110	6" butt hinges	1-3/4"
0-90	Swing clear hinges	1-3/4"

Finishes

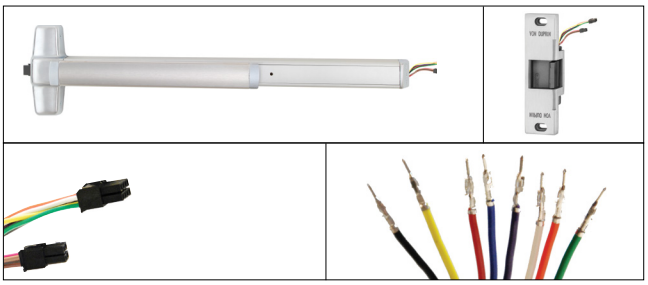
- 622 (powder coated matte black)
- 689 (powder coated aluminum)
- 695 (powder coated bronze)

Dimensions	
Housing	9" x 1-1/4" x 1-5/8" (229mm x 32mm x 38mm)
EPT-2	Two 18 gauge wires, up to 2 amps @ 24VDC, with a 16 amps Maximum Surge
EPT-10	Ten 24 gauge wires, up to 1 amp @ 24VDC, with a 16 amps Maximum Surge

To order, specify:

- EPT-2 or EPT-10
- Finish: 622, 689, 695

Allegion Connect



Allegion Connect features common interconnect components for many cross-category electrified options. Allegion Connect is a quick and easy way to connect power sources. There is no wire cutting; reducing installation and maintenance time ultimately cutting cost. After installation, Allegion Connect continues to provide benefits throughout the lifetime of the opening by offering a service kit for repairs or modifications in the future.

Features & Benefits

- **Quick:** Common connections reducing installation time
- **Perfect Connections:** These factory installed connectors ensure the right wires match up every time
- **Protective:** The connectors protect the connection points throughout the installation process and lifetime of the opening
- **Interchangeable:** All Allegion Connect products utilize the same connectors
- **Maintenance:** You no longer need to cut away wire to disconnect Allegion products, also available is a service kit specifically for Allegion Connect products.

Harness Length	Connectors on Both Ends	Connectors on One End, Crimped Pins on the Other End
6 inches	CON-6	CON-6P
12 inches	CON-12	CON-12P
26 inches	CON-26	CON-26P
32 inches	CON-32	CON-32P
38 inches	CON-38	CON-38P
44 inches	CON-44	CON-44P
50 inches	CON-50	CON-50P
192 inches	CON-192	CON-192P
Power supply wire harness = connectors on one end, stripped leads on the other end.		
6 inches	CON-6W—wire extension to power supply	

Consult door manufacturer for harness length requirements.

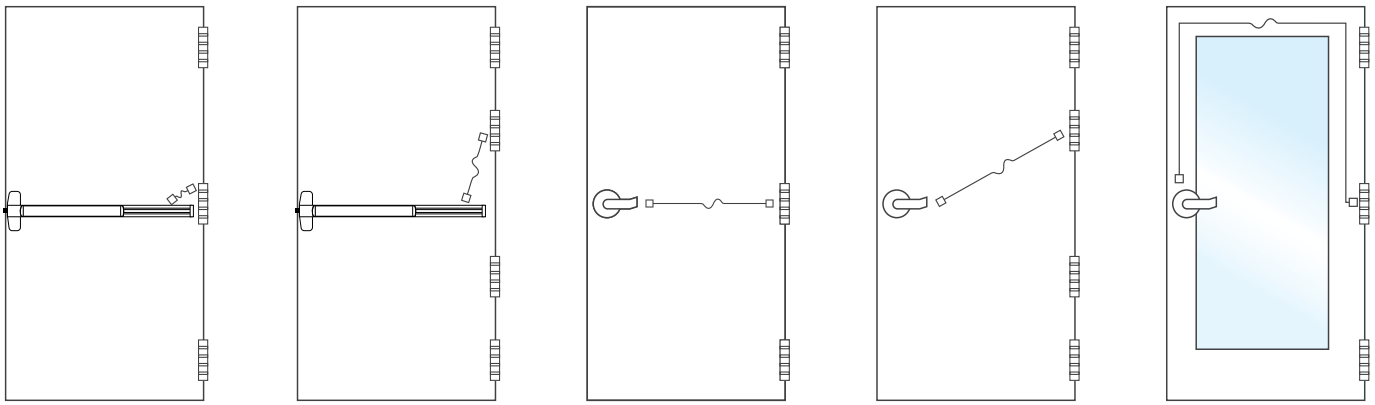
Note: You will need to purchase a separate wiring harness to go from exit device to hinge/EPT, and a CON-6W harness to connect the hinge/EPT to field wiring in the walls. Harness part numbers with ordering information can be located in the Schlage, Von Duprin and Falcon price books. A service kit is available for order in the Schlage, Von Duprin and Falcon price books. Included in this kit are male end plugs, female end plugs and pins to customize harnesses to your application.

Note: Must be ordered with exit devices and locks

To order, specify:

- Specify CON for Connect electronic options
  Example: QEL-78-EO-CON
  (78 Series quiet electric latch retraction exit only with Connect connectors)
- Specify harness length; Consult door manufacturer for harness length
- Specify Von Duprin EPT10-CON or Ives electrical thru-wire hinge

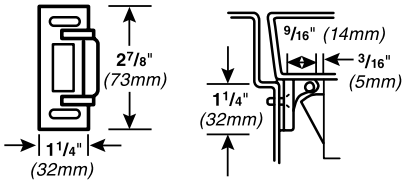
Wire Run Options



Strikes

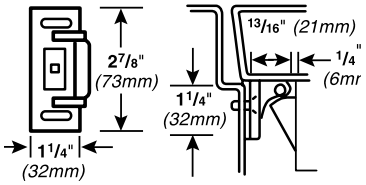
FOR RIM DEVICES

264



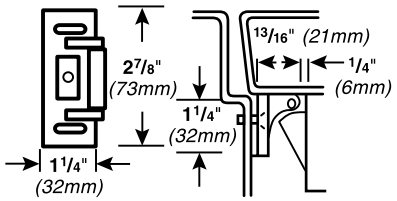
Projection 9/16" (14mm)

299



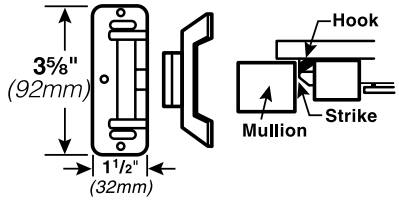
Projection 13/16" (21mm)

299F



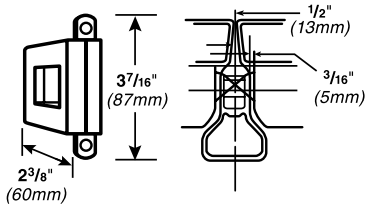
Projection 13/16" (21mm)

499F



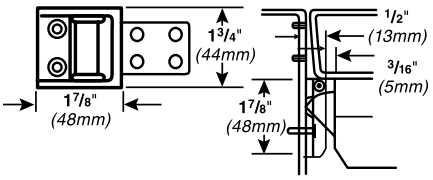
Projection 15/16" (24mm)

1408



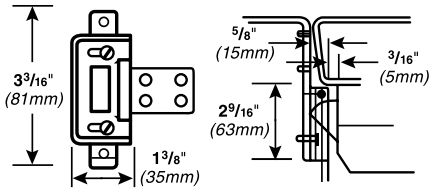
One per pair of doors

1439–Blade stop



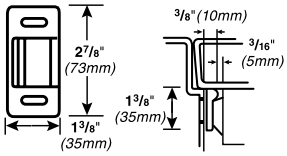
Projection 1/2" (13mm)

1410–Integral stop



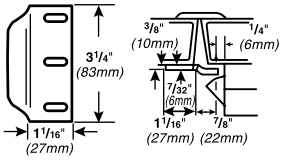
Projection 1/2" (13mm)

1606



Projection 3/8" (10mm)
(Panic devices only)

1609

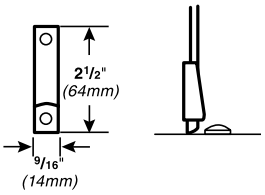


Requires coordinator
For panic exit application only, not fire rated

Strikes

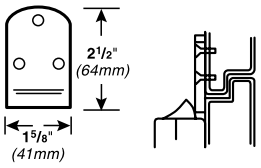
FOR VERTICAL ROD DEVICES

248L-4



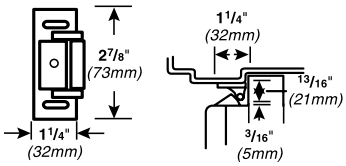
Projection 3/8" (10mm)

260U Flush transom panic only
260U-F Flush transom fire only



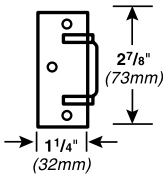
Projection 3/8" (10mm)

299



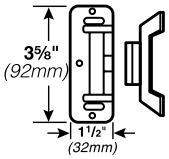
Projection 13/16" (21mm)

299F



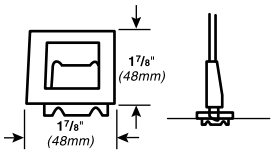
Projection 13/16" (21mm)

499F



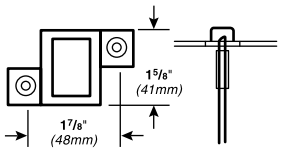
Projection 15/16" (24mm)

304L



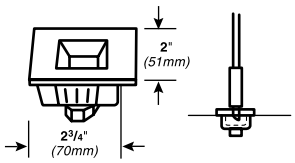
Projection 13/16" (21mm)

338



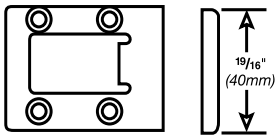
Mortise 5/8" (16mm)

385A



Mortise 2-1/2" (64mm)

283

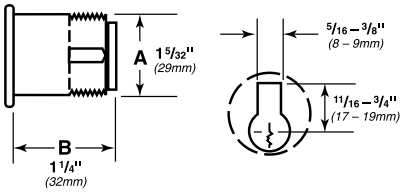


For use with WDC devices
when used with wood frames

Cylinders

Cylinders are not furnished with device or trim and must be specified when ordering. Refer to trim pages for cylinder type.

Mortise — 3215
(Schlage 20-001, L583-477 cam)

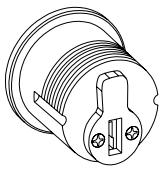


Dogged (inverted) cam

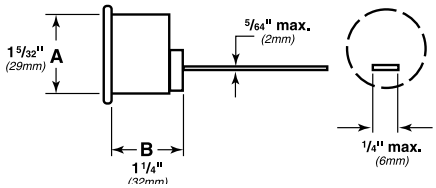
For CD and
780L trim

Rim — 3216
(Schlage 20-022)

Undogged cam (standard operations)

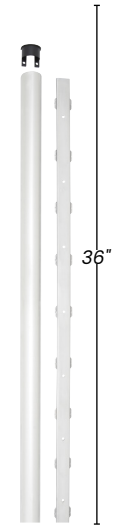


For ALK and all other 78 and 75 Series mortise cylinder trims and controls



Door Kits

Vertical Rod and Latch Guard (RG-27)



Rod guard

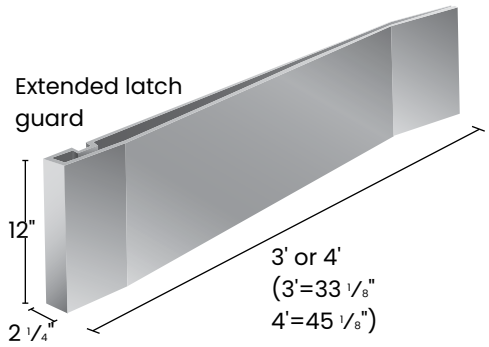
Series RG-27 Vertical rod and latch guards protect the bottom rods of exit devices from the damaging impacts of carts or gurneys passing through doors. (If bottom rods become damaged, the exit device will not function as intended and can jeopardize the ability to exit safely during an emergency.)

In addition to protecting the vertical rod, the guard provides a smooth, unobstructed surface so the door can be pushed open easily with the bumpers of a wheelchair. The latch guard portion is 10" high. The standard latch guard features a 45° ramp. The extended latch guard offers a continuous ramp for 3' or 4' doors.

All stainless steel construction in 630 finish. Latch guards can cover latches as large as 1-1/4" W x 10" H x 1-7/8" projection.

Latch guard

Extended latch guard



Models	
RGO	Rod guard only (projection 1-3/16")
RG-27	Rod and latch guard
RG-27-3	3' (914mm) Rod guard and extended latch guard
RG-27-4	4' (1219mm) Rod guard and extended latch guard
LGO	Latch guard only
LGO-3	3' (914mm) Extended latch guard only
LGO-4	4' (1219mm) Extended latch guard only

When using on wood fire doors, high density block is required.

* RGO/RG-27 includes one rod guard only, which accommodates bottom or top rod up to 7' door. For longer top rods, specify rod guard quantity required.

To order, specify:

- Model number*
- Handing (except on RGO)
- Door material if other than hollow metal
- Optional sex bolt mounting available

Glass Bead Kit (GBK)

Glass bead conversion kits are available for all 78 and 75 Series devices for use on doors with raised glass beads. Each kit consists of 1/4" (6mm) shim sets. GBK for surface vertical rod ships with 1/8" shims for rod guides.

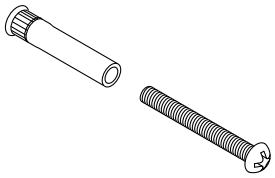
To order, specify:

- Device model
- GBK
- Device type (rim, surface rod, concealed rod)
- Specify if using with 499F
- Finish

Example: 78 GBK Rim SP28

Sex Bolts

Sex bolts provide secure mounting by mating with machine screws furnished with devices. Sex bolts are either optional or required, as shown in quantity chart below. Sex bolts ordered separately are not furnished with screws. If screws are required, order device mounting packages.



325

425

825

To order sex bolts:

If ordering devices with sex bolts, specify SNB (sex nuts and bolts) in device description.

If ordering sex bolts separately, specify:

- Sex bolt model number
- Package quantity (sold as package of 2)
- Finish

Removable Steel Mullions

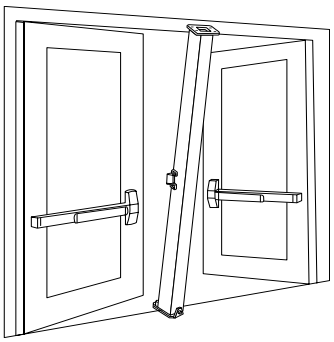
Removable steel mullions provide single door performance in double door openings with rim devices.

Mullions are easily removed by loosening bottom set screw and removing top fitting cover. The top mullion fitting is attached to the frame and is concealed by the fitting cover.

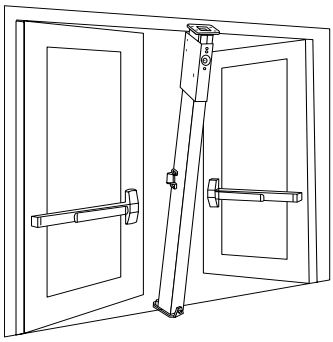
- Steel mullions are 2" (51mm) wide and 3" (76mm) deep, with a wall thickness of 1/8" (3mm)
- Mullions are shipped with mounting screws and prepared for strikes (strikes are not included except where indicated)
- Steel mullions are available in SP28 and SP313 finishes (Consult factory for other powder coat finish options)

Keyed Removable Steel Mullions (KR)

KR mullions make removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without the use of the cylinder key. Uses a 1-1/4" mortise cylinder with a straight cam (Schlage cam reference L583-477). Cylinders are sold separately. Prefix mullion model with "KR".



Removable mullions



Keyed removable steel mullions

Aluminum Mullions

Removable aluminum mullions are 1 1/16" (27mm) wide on face closest to the door and 2-3/8" (60mm) at the widest point. The depth is 3-1/8" (79mm) with a wall thickness of 1/8" (3mm).

Aluminum mullions are available in 606, 612, 628, 710 and 622/711 finishes. Consult factory for other powder coat finish options. Aluminum mullions are not available keyed removable.

Stock hollow metal applications for devices mounted to cover ANSI 161 cutouts are higher than the standard mullion strike location. Consult the factory for special strike preparation or order a blank mullion. See below.

Blank Mullions

are furnished without strike preparation. They are used to mount devices at a strike height different from the standard mullion preparation.

To order, specify:

- For keyed removable option on steel mullions, prefix model number with "KR"
- Model number
- Height of opening
- Finish
- Handing, if required
- Centerline deviation (refer to device template for standard centerline)
- Strikes, when required, should be ordered with device

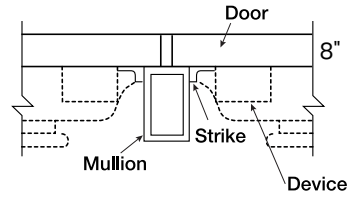
Steel and Aluminum Mullions

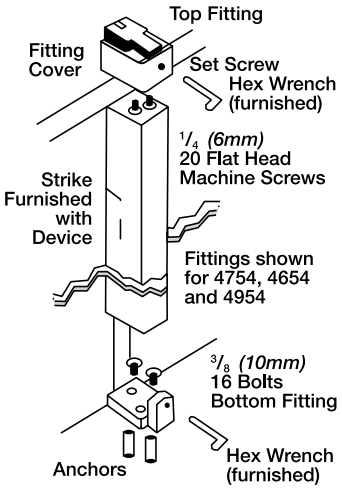
Steel Mullions

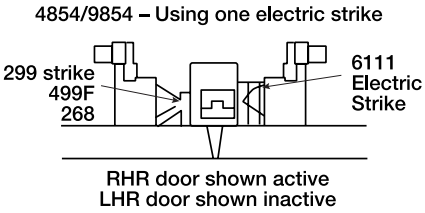
4954	Prepared for two 299 strikes (standard). With KR option.
9954	Prepared for and must be used with two 499F strikes. UL fire labeled mullion for up to 3 hour opening using Von Duprin fire exit rim devices. With KR option.
4854	Prepared for one 299 and one 6111 electric strike. Indicate handing for electric strike. With KR54-F kit option.
9854	Prepared for one 268 or 499F strike and one 6111 electric strike. Indicate handing for electric strike. UL fire labeled mullion for up to 3 hour openings up to 8' x 8' (2438mm x 2438mm) using Von Duprin fire exit rim devices. With KR option.

Aluminum Mullions

5654	Prepared for two 299 strikes (standard only), no KR option.
5754	Prepared for 1408 double strike







UL Listing for 78 Series Fire Exit Hardware

UL Listed Fire Exit Hardware Label and Opening Size

Exit Device	Door Material	Single Door	Double Door					
			With 9954 mullion	With 9854 mullion[4]	With KR9954 mullion	With KR9854 mullion[3]	V x V same direction[1]	V x V double egress
78-F	Metal, composite (wood or plastic covered)	3 Hour 4' x 10'	3 Hour 8' x 10'	90 Min 8' x 8'	3 Hour 8' x 8'	90 Min 8' x 8'	—	—
78-F with 1439 Strike	Metal, composite (wood or plastic covered)	3 Hour 4' x 8'	—	—	—	—	—	—
7827-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'
7827LBR-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 8'	3 Hour 8' x 8'
7827LBR-F[2]	Wood core	—	—	—	—	—	20 Min no hose 8' x 8'	20 Min no hose 8' x 8'
7847-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'
7847LBR-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 9'	3 Hour 8' x 9'
7847WDC-F	Composite (wood or plastic covered)	—	—	—	—	—	90 Min 8' x 9'3"	20 Min 8' x 9'3"
7847WDC-LBR-F	Composite (wood or plastic covered)	—	—	—	—	—	90 Min 8' x 9'3"	90 Min 8' x 9'3"
7847WDC-LBR-F[2]	Wood core	—	—	—	—	—	20 Min no hose 8' x 9'3"	20 Min no hose 8' x 9'3"

1. Fire-rated metal door flush bolts may be substituted on one leaf of a pair in these columns. Substitute two-point flush bolt for vertical devices; or substitute top flush bolt with auxiliary fire bolt for vertical rod LBR/LBL-AFL devices. The opening will carry the fire listing (# hours and opening size) of the least rated component.
2. Not listed for Canada.
3. Hourly limitation due to 6111 electric strike listing.

Notes:

Check with door manufacturers to confirm listing compatibility.
Overlapping astragal may not be used on pairs swinging same direction with vertical rods or cables on both leaves.

UL Listing for 75 Series Fire Exit Hardware

UL Listed Fire Exit Hardware Label and Opening Size

Exit Device	Door Material	Single Door	Double Door					
			With 9954 mullion	With 9854 mullion[2]	With KR9954 mullion	With KR9854 mullion[2]	V x V same direction[1]	V x V double egress
75-F	Metal, composite (wood or plastic covered)	3 Hour 4' x 10'	3 Hour 8' x 10'	90 Min 8' x 8'	3 Hour 8' x 8'	90 Min 8' x 8'	—	—
75-F with 1439 Strike	Metal, composite (wood or plastic covered)	3 Hour 4' x 8'	3 Hour 4' x 8'	90 Min 8' x 8'	3 Hour 4' x 8'	90 Min 8' x 8'	—	—
7527-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'
7527-LBR-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'
7547-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'
7547-F-LBR	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 9'	3 Hour 8' x 9'

1. Fire-rated metal door flush bolts may be substituted on one leaf of a pair in these columns. Substitute two-point flush bolt for vertical devices; or substitute top flush bolt with auxiliary fire bolt for vertical rod LBR/LBL-AFL devices. The opening will carry the fire listing (# hours and opening size) of the least rated component.
2. Hourly limitation due to 6111 electric strike listing.

Notes:

Check with door manufacturers to confirm listing compatibility.
Overlapping astragal may not be used on pairs swinging same direction with vertical rods or cables on both leaves.

ANSI Function, Grade and Type

78 Function	Grade 1, Type 1	Grade 1, Type 2	Grade 1, Type 8
1	78-EO 78-EO-F	7827-EO 7827-EO-F	7847-EO 7847-EO-F
2	78-DT 78-DT-F	7827-DT 7827-DT-F	7847-DT 7847-DT-F
3	78-NL 78-NL-F	7827NL 7827NL-F	7847NL 7847NL-F
3	78L-NL-OP 78L-NL-OP-F	7827-NL-OP 7827-NL-OP-F	7847-NL-OP 7847-NL-OP-F
8	78L 78L-F	7827L 7827L-F	7847L 7847L-F
14	78L-BE 78L-BE-F	7827L-BE 7827-BE-F	7847L-BE 7847L-BE-F
2	78L-DT	7827L-DT	7847L-DT
9	78L-NL 78-NL-F	7827L-NL 7827 L-NL-F	7847-NL 7847 L-NL-F
11/12		7827-TL 7827-TL-F	7847-TL 7847-TL-F
16		7827-TL-BE 7827-TL-BE-F	7847-TL-BE 7847-TL-BE-F

75 Function	Grade 1, Type 4	Grade 1, Type 5	Grade 1, Type 6, 7 and 8
1	75-EO 75-EO-F	7527-EO 7527-EO-F	7547-EO 7547-EO-F
2	75-DT 75-DT-F	7527-DT 7527-DT-F	7547-DT 7547-DT-F
3	75-NL 75-NL-F	7527-NL 7527-NL-F	7547-NL 7547-NL-F
3	75-NL-OP 75-NL-OP-F	7527-NL-OP 7527-NL-OP-F	7547-NL-OP 7547-NL-OP-F
8/9	75-L 75-L-F	7527-L 7527-L-F	7547-L 7547-L-F
14	75-L-BE 75-LBE-F	7527-LBE 7527-LBE-F	7547-L-BE 7547-L-BE-F
2	75-L-DT	7527-L-DT	7547-L-DT
11/12		7527-TL 7527-TL-F	7547-TL 7547-TL-F
16		7527-TL-BE 7527-TLBE-F	7547-TL-BE 7547-TL-BE-F

Stile Information

78 and 78-F

Device Type	Standard Single Door		Standard Double Door		Optional Single Door		Optional Double Door	
	Strike	**Trim/Stile**	**Strike with Mullion***	**Trim/Stile**	**Strike**	**Trim/Stile**	**Strike with Mullion***	**Trim/Stile**
		785/780		785/780		785/780		785/780
78	299	4-1/2" (114mm)	299 x 4954	4-7/8" (124mm)	1439 or 1410	3-13/16" (97mm)	299 x 5654	4-7/16" (113mm)
78-F	299F	4-1/2" (114mm)	499F x 9954	4-7/8" (124mm)	1606	4-1/16" (103mm)	499F x 9854 KR9954	

7827, 7827-F, 7847, 7847-F

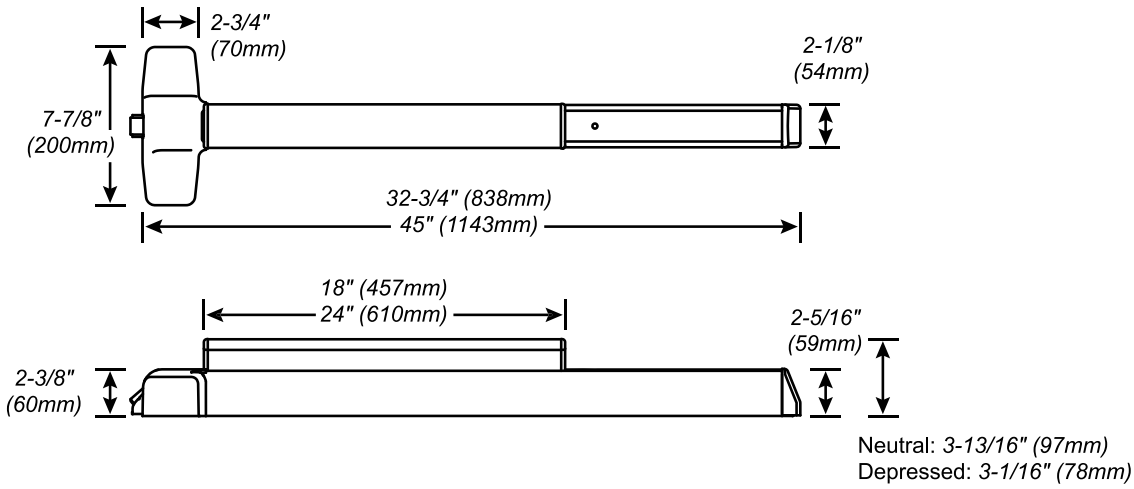
Device Type	Strike	Optional Strike	Application	Trim/Stile
				785/780
7827	299 (Top) 304L/248L-4 (Bottom)	260U (Top) 385A (Bottom)	Single door Two vertical rod devices	3-11/16" (94mm)
7827-F	299F* (Top) 304L (Bottom)	260U (Top) 385A (Bottom)		
7847	338 (Top) 385A (Bottom)	304L (Bottom)		
7847-F	338 (Top) 385A (Bottom)	304L (Bottom)	Two vertical rod devices	4-1/4" (108mm)

* 499F strike is the top strike for LBR applications.

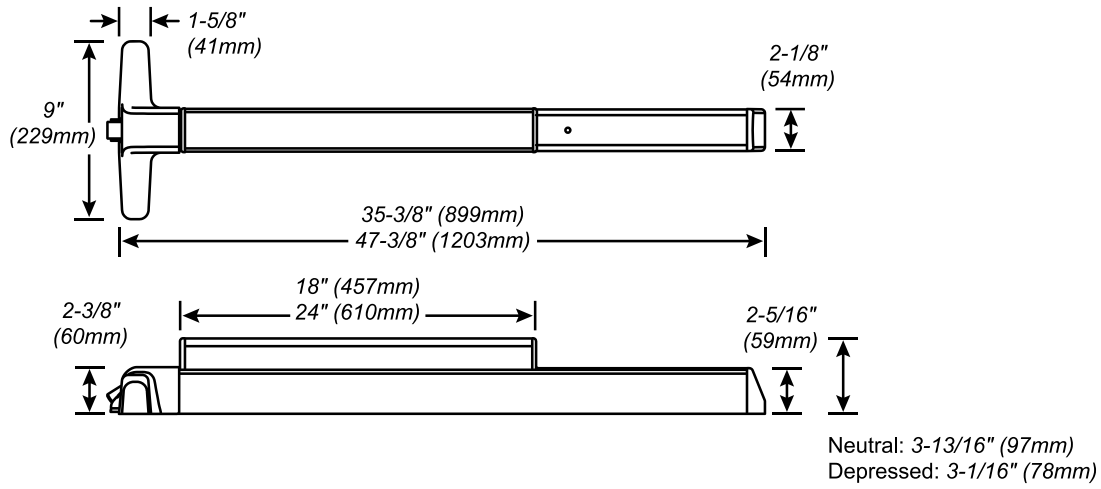
75, 7527, 7527-F, 7527-LBR-F, 7547, 7547-F, 7547-LBR, 7547-LBR-F

Device Type	Standard Single Door		Standard Double Door		Optional Single Door		Optional Double Door	
	Strike	**Trim/Stile**	**Strike with Mullion***	**Stile**	**Strike**	**Stile**	**Strike with Mullion***	**Stile**
75	1439	2" (51mm)	1408 x 5754	2" (51mm)	299 1410	2-3/4" (70mm) 1-3/4" (44mm)	299 x 5654 299 x 4954	2-5/8" (67mm) 3-5/16" (84mm)
7527	266 (Top) 304L (Bottom) 248-L (Bottom)	2" (51mm)	266 (Top) 304L (Bottom) 248-L (Bottom)	2" (51mm)	299 (Top) 385A (Bottom)	3-1/8" (79mm)	299 (Top) 385A (Bottom)	3-1/8" (79mm)
					260U (Top) 385A (Bottom)	2-1/8" (54mm)	260U (Top) 385A (Bottom)	2-1/8" (54mm)
7527-F	—	—	299F (Top) 304L (Bottom)	3-1/8" (79mm)	—	—	—	—
7527-LBR-F	—	—	499F (Top) (Req. auxiliary fire latch)	3-5/8" (92mm)	—	—	—	—
7547	338 (Top) 385A (Bottom)	2-1/8" (54mm)	338 (Top) 385A (Bottom)	2-1/8" (54mm)	304L (Bottom)	2-1/2" (64mm)	304L (Bottom)	2-1/2" (64mm)
7547-F	—	—	338 (Top) 385A(Bottom)	3-5/8" (92mm)	—	—	304L (Bottom)	3-1/2" (89mm)
7547-LBR	338 (Top)	2-1/2" (64mm)	338 (Top)	2-1/2" (64mm)	—	—	—	—
7547-LBR-F	—	—	338 (Top)	3-5/8" (92mm)	—	—	—	—

78 Series Dimensions



75 Series Dimensions



Standard Levers

01 	**02** [2] 	**03** [1,2] 	**05**
06 [1,2] **- Default lever** 	**07** 	**12** [3] 	**16 - Omega**
17 [1, 2] 	**18** 	**ACC - Accent** [3] 	**AST - Asti** [3]
MER - Merano [3] 	**LAT - Latitude** [1] 	**LON - Longitude** [1] 	

1. Available in Stainless Steel - specify SS when ordering
2. Knurling available
3. Handed

Decorative Levers

M51[2]

M52[2]

M53

M54

M55

M56

M57[1]

M61[3]

M62[1,3]

M63[3]

M81[2]

M82

M83

M84

M85[3]

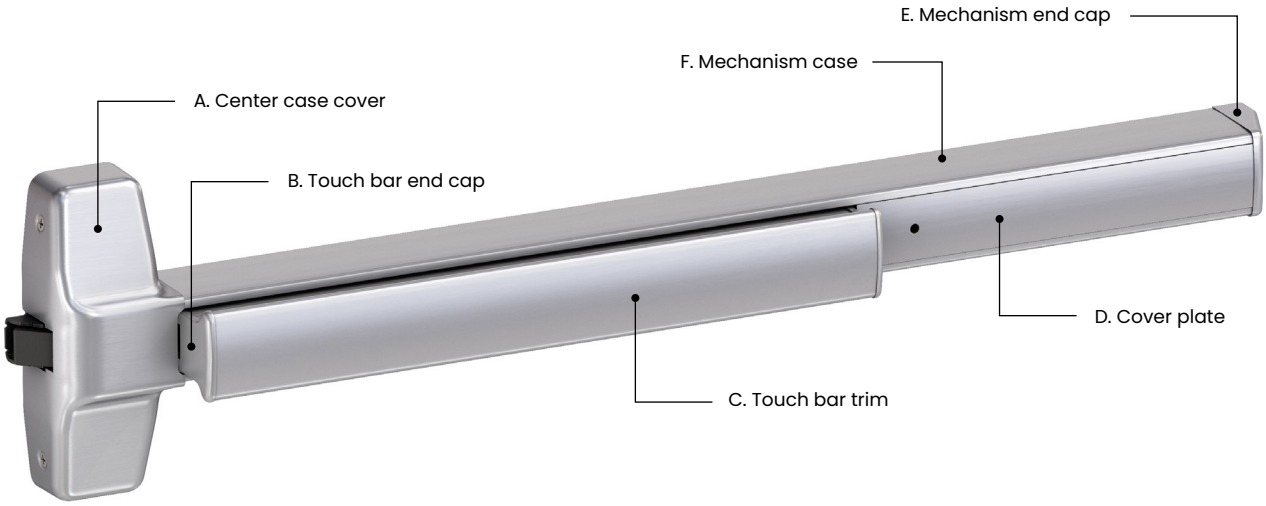
ME1[2, 3, 4]

ME2[2, 3, 4]

ME3[2, 3]

1. Available in stainless steel substrate ONLY
2. Knurling available
3. Handed
4. Designed with Gensler as product design consultant

Device Finish Options



FINISHES

605
Bright Brass

606
Satin Brass

612
Satin Bronze

619
Satin Nickel

625
Bright Chrome

626
Satin Chrome

628
Aluminum, Anodized

630
Satin Stainless Steel

643e
Aged Bronze

710
Dark Brown, Anodized

711
Matte Black

Color	BHMA Number	A, B, E	C	D & F
Bright brass	605	Bright brass	Bright brass, 605	Buffed anodized
Satin brass	606	Satin brass	Satin brass, 606	Anodized
Satin bronze	612	Plated	Satin bronze, 612	Anodized
Satin nickel	619	Plated	Satin stainless steel, 630	Anodized
Bright chrome	625	Plated	Bright stainless steel, 629	Buffed anodized
Satin chrome	626	Plated	Satin stainless steel, 630	Anodized
Aluminum, anodized	628	Powder coat	Satin stainless steel, 630	Anodized
Satin stainless steel*	630	Stainless steel	Satin stainless steel, 630	Anodized
Aged bronze	643e	Relieved aged bronze	Relieved aged bronze	Aged bronze, no relief
Duranodic dark bronze	710	Powder coat	Powder coat	Powder coat
Matte black	711	Powder coat	Powder coat	Powder coat

* Durable powder coated finishes available at special request. Please contact factory.
Note: 630 only available with the 78 exit device.

NOTES

NOTES

About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

For more, visit **www.allegion.com**

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015809, Rev. 11/25

ALLEGION™

ALLEGION™

VON DUPRIN®

88 Series

Exit device

Introduction

Your trusted solution

Our brand's reputation, respect and legacy stem from that first exit device in 1908—and they continue because of the quality of Von Duprin® products we've produced since. Today, Von Duprin remains the trusted name in the industry by engineering products that meet the highest industry standards for fire and life safety. It's this dedication to providing customers with dependable products that ensures you can put your trust in the Von Duprin brand.

The 88 Series is a wide style cross bar device. Rim, surface mounted vertical rod, concealed vertical rod and mortise configurations are available for panic and fire rated applications. The 88 Series features a non-handed design and flexible field sizing.

Passion driving performance

With superior products comes exceptional customer care. Von Duprin customers are supported by industry-leading expertise. Allegion's representatives average more than 15 years of experience, so you're assured to receive knowledgeable advice on fire and life safety codes, installation resources and more. And for those looking to take their skills to the next level, Allegion offers instructor-led workshops, videos and online courses. It's another way Von Duprin stands by our customers—today, tomorrow and for years to come.

Information and customer care

US.Allegion.com

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Canada: 1-800-900-4734

Support@Allegion.com
Exits_TechProdSupport@Allegion.com

YouTube.com/VonDuprinSafety/

Ordering

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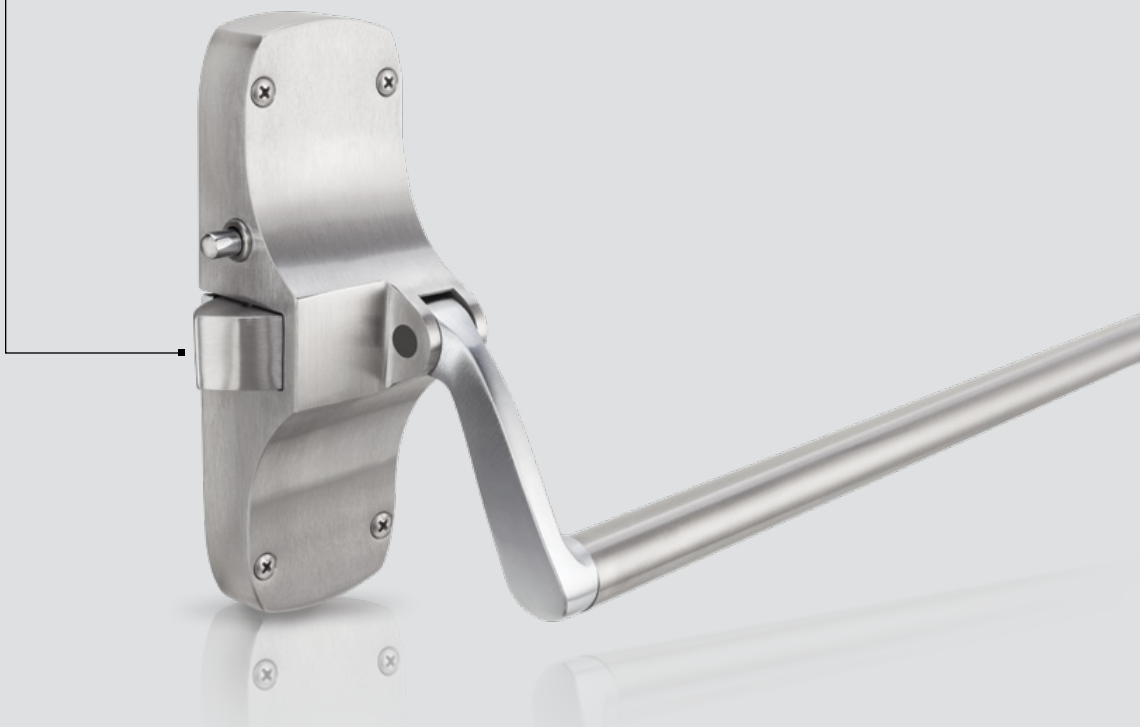
Deadlocking latch bolt
Deadlocking latch bolt provides security and improved performance at standard device cost.



Nomenclature – how to order

Prefix	Device series/type		Trim/ rating		Suffix/ finish		Door width	Handing	Trim options/ finish	Accessories	Other information
1	2	3	4	5	6	7	8	9	10	11	12
E	88	75	TP	F	—	626	3'	LHL	—/626	SNB	—

Detail

1 Prefixes

None	Standard
E	Electric unlocking
FL	Flush transom
HH	Wind/impact storm rating
HW	Wind only storm rating
KN	Knurled crossbar
PL	Pullman latch
RCB	Reinforced crossbar
RX	Request to exit

2 Device series

88	88 Series

3 Device type

None	Rim device
27	Surface mounted vertical rod device
47	Concealed vertical rod device
75	Mortise lock device

4 Trim functions

DT	Dummy trim
EO	Exit only
K	Knob
L	Lever
NL	Night latch
TL	Turn lever
TP	Thumbpiece

5 Rating

Blank	Panic exit device
F	Fire exit device

6 Suffix

LBR	Less bottom rod

7 Finish

605	Bright brass
606	Satin brass
612	Satin bronze
619	Satin nickel
622	Matte black/adonized
625	Bright chrome
626	Satin chrome
643E	Aged bronze
693	Black paint
SPBLK	Sprayed black

8 Door width

3'	3' device
4'	4' device

9 Handing

LHR	Left hand reverse
RHR	Right hand reverse

10 Trim options/finish

See trim options/finish for each device type

11 Accessories

CYL	Cylinders
RG-27	Rod and latch guard
SNB	Sex bolts

12 Other information

Crossbar options

KN	Knurled crossbar

Door material

ALD	Aluminum door
CP	Composite door
HMD	Hollow metal
WD	Wood door

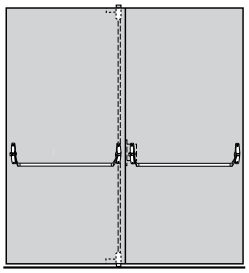
Door application

DE	Pair double egress doors
PR	Pair of doors
SGL	Single door

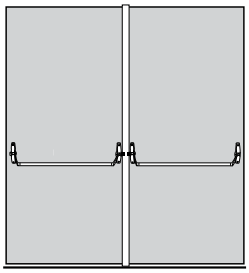
Note: Not all options are listed. See the specific device type pages for complete options available.

Popular applications

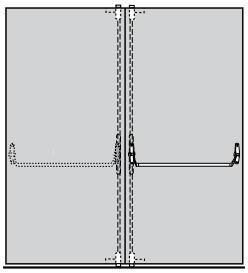
Double door applications



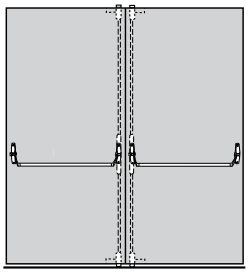
Mortise lock and vertical rod device combination — same direction



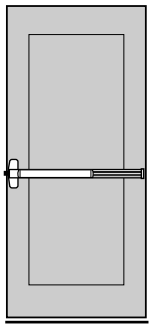
Two rim devices with mullion — same direction



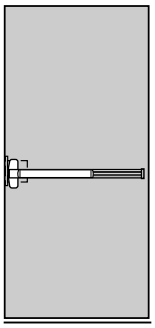
Two vertical rods — double egress



Two vertical rod devices — same direction (do not use with overlapping astragal)

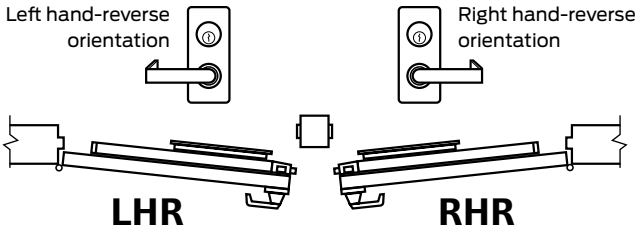


Single rim device



Single mortise

Door handing



(Left hand-reverse)

(Right hand-reverse)

Outside

88 Rim exit device

88 rim devices for all types of single and double doors with mullion, UL listed for accident hazard installations. Covers stock hollow metal doors with 86 or 161* cutouts. This device is field reversible.

Specifications

Device functions	Device ships EO, DT, NL, TP, L, K
Handing	Field reversible
Crossbar length	30" for 3' door, 42" for 4' door
Device centerline	39-13/16"
Crossbar centerline to finished floor	36-13/16" (935 mm) at center
Lock stile case	8-1/4" x 2-3/4" x 15/16" (210 mm x 70 mm x 24 mm)
Hinge stile case	6" x 1-3/4" x 15/16" (152 mm x 44 mm x 24 mm)
Crossbar tubing	1" (25 mm) outside diameter
Projection	Neutral – 4-3/4" (121 mm) Depressed – 4" (102 mm)
Latch bolt	3/4" (19 mm), throw
Fasteners	All necessary mounting fasteners are included.
Finishes	605, 606, 612, 613, 619, 622, 625, 626, 643E, SPBLK

* Not applicable with all strike and mullion combinations, consult factory.

Features and options

Electrified options

E Electric unlocking (BE trim only)
RX Crossbar monitor switch in end case

Mechanical options

KN Knurled crossbar
RCB Reinforced crossbar

Dogging feature

Hex key dogging standard

Strikes

299 Dull black
Optional Available

Accessories

299 strike

Hex key dogging
Comes standard on 88 rim exit devices

88-F Rim fire exit device

88-F fire exit rim devices for all types of 4' X 8' (1219 mm X 2438 mm) single and 8' X 8' (2438 mm x 2438 mm) double doors with 9954 mullion, UL listed, 3 hours. This device is handed.

Specifications

Device functions	Device ships EO, NL, TP, L, K
Handing	Handed
Crossbar length	30" for 3' door, 42" for 4' door
Device centerline	39-13/16"
Crossbar centerline to finished floor	36-13/16" (935 mm) at center
Lock stile case	8-1/4" x 2-3/4" x 15/16" (210 mm x 70 mm x 24 mm)
Hinge stile case	6" x 1-3/4" x 15/16" (152 mm x 44 mm x 24 mm)
Crossbar tubing	1" (25 mm) outside diameter
Projection	Neutral – 4-3/4" (121 mm) Depressed – 4" (102 mm)
Latch bolt	Deadlocking – 3/4" (19 mm), throw
Fasteners	All necessary mounting fasteners are included
Finishes	605, 606, 612, 613, 619, 622, 625, 626, 643E, SPBLK

Features and options

Electrified options

E Electric unlocking (BE trim only)
RX Crossbar monitor switch in end case

Mechanical options

KN Knurled crossbar
RCB Reinforced crossbar

Strikes

268 Dull black

Accessories

268 strike
Ships standard

8875 Mortise lock exit device

8875 mortise lock devices for all types of single or double doors, UL listed for accident hazard installations. Fits stock hollow metal doors with 86 cutouts and door stiles as narrow as 4-3/4" (121 mm). The 7500 mortise lock is equipped with a 3/4" (19 mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel. Field selection of functions are furnished standard. TP and K function may be field selected by turning down a set screw in mortise lock body. Electric locking or unlocking options are available.

Specifications

Device functions	Device ships EO, DT, NL, TP, K, L
Handing	Handed
Crossbar length	30" for 3' door, 42" for 4' door
Device centerline	39-13/16"
Crossbar centerline to finished floor	36-13/16" (935 mm) at center
Latch bolt height to finished floor	40-3/32" (1018 mm) at center
Lock stile case	8-1/4" x 2 x 15/16" (210 mm x 51 mm x 24 mm)
Hinge stile case	6" x 1-3/4" x 15/16" (152 mm x 44 mm x 24 mm)
Crossbar tubing	1" (25 mm) outside diameter
Projection	Neutral – 4-7/8" (124 mm) Depressed – 4" (102 mm)
Latch bolt	Deadlocking – 3/4" (19 mm) throw
Fasteners and sex bolts (SBN)	Includes screw pack for 1-3/4" (44 mm) and 2-1/4" (57 mm) thick metal or wood doors
Finishes	605, 606, 612, 613, 619, 622, 625, 626, 643E, SPBLK

Features and options

Electrified options

E8875 Electric mortise lock device
RX Crossbar monitor switch in end case

Mechanical options

KN Knurled crossbar
RCB Reinforced crossbar

Dogging feature

Hex key dogging standard

Strikes

575 Dull black

Accessories

575 strike
Ships standard

Hex key dogging
Comes standard on 8875 Series mortise lock exit devices

8875-F Mortise lock fire exit device

8875-F mortise lock fire exit devices for all types of 4' X 8' (1219 mm X 2438 mm) single and 8' X 8' (2438 mm x 2438 mm), UL listed, 3 hours. Fits door stiles as narrow as 4 3/4" (121 mm). The 7500 mortise lock is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel. Field selection of functions are furnished standard. TP and K function may be field selected by turning down a set screw in mortise lock body. Electric locking or unlocking options are available.

Specifications

Device functions	Device ships EO, DT, NL, TP, L, K
Handing	Field reversible
Crossbar length	30" for 3' door, 42" for 4' door
Device centerline	39-13/16"
Crossbar centerline to finished floor	36-13/16" (935 mm) at center
Lock stile case	8-1/4" x 2-3/4" x 15/16" (210 mm x 70 mm x 24 mm)
Hinge stile case	6" x 1-3/4" x 15/16" (152 mm x 44 mm x 24 mm)
Crossbar tubing	1" (25 mm) outside diameter
Projection	Neutral – 4-3/4" (121 mm) Depressed – 4" (102 mm)
Latch bolt	3/4" (19 mm), throw
Fasteners	All necessary mounting fasteners are included.
Finishes	605, 606, 612, 613, 619, 622, 625, 626, 643E, SPBLK

Features and options

Electrified options

E8875 Electric mortise lock device
RX Crossbar monitor switch

Mechanical options

KN Knurled crossbar
RCB Reinforced crossbar

Strikes

575 Dull black

Accessories

575 strike
Ships standard

8827 Surface mounted vertical rod exit device

8827 surface mounted vertical rod devices for all types of single and double doors, UL listed for accident hazard installations. Covers stock hollow metal doors with 86 cutout and fits door stiles as narrow as 2-1/2" (90 mm). This device is field sizeable.

Specifications

Device functions	Device ships EO, DT, TP, K, L, TL
Handing	Field reversible
Crossbar length	30" for 3' door, 42" for 4' door
Device centerline	39-13/16"
Crossbar centerline to finished floor	36-13/16" (935 mm) at center
Lock stile case	8-1/4" x 2-3/4" x 15/16" (210 mm x 70 mm x 24 mm)
Hinge stile case	6" x 1-3/4" x 15/16" (152 mm x 44 mm x 24 mm)
Top and bottom latch case	4" x 2" x 1-7/8" (102 mm x 51 mm x 48 mm)
Faceplate	1-1/4" x 8" x 7/32" (32 mm x 203 mm x 6 mm)
Cylinder backset	2-3/4" (70 mm)
Crossbar tubing	1" (25 mm) outside diameter
Projection	Neutral – 4-3/4" (121 mm) Depressed – 4" (102 mm)
Latch bolt	3/4" (19 mm), throw
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (44 mm) and 2-1/4" (57 mm) thick metal or wood doors
Finishes	605, 606, 612, 613, 619, 622, 625, 626, 643E, SPBLK

Note: Maximum door undercut, 1/4" (6 mm).

Features and options

Electrified options

E	Electric unlocking (BE trim only)
RX	Crossbar monitor switch in end case

Mechanical options

KN	Knurled crossbar
PL	Pullman latch top and bottom
RCB	Reinforced crossbar

Miscellaneous options

LBR	Less bottom rod available for use with electric strike mounted in header and device supplied with pullman latch

Dogging feature

Hex key dogging standard

Strikes

299	(Top) Dull black
248L-4	(Bottom) Unfinished
304L	(Bottom) Unfinished

Note: PL & LBR uses the pullman top latch for use with electric strikes as a special order.

Accessories

Top latch

299 top strike

Hex key dogging
Comes standard on 8827 Series surface mounted vertical rod exit device

Top latch

248L-4
Bottom strike
for use with flat threshold

304L
Bottom strike

Bottom latch

8827-F Surface mounted vertical rod fire exit device

8827-F surface mounted vertical rod fire exit devices for all types of 8' X 8' (2438 mm x 2438 mm), UL listed, 3 hours. Fits door stiles as narrow as 3-3/4" (95 mm). This device is field reversible.

Specifications

Device functions	Device ships EO, TP, K, L, TL
Handing	Field reversible
Crossbar length	30" for 3' door, 42" for 4' door
Device centerline	39-13/16"
Crossbar centerline to finished floor	36-13/16" (935 mm) at center
Lock stile case	8-1/4" x 2 x 15/16" (210 mm x 51 mm x 24 mm)
Hinge stile case	6" x 1-3/4" x 15/16" (152 mm x 44 mm x 24 mm)
Top and bottom latch case	4" x 2" x 1-7/8" (102 mm x 51 mm x 48 mm)
Faceplate	1-1/4" x 8" x 7/32" (32 mm x 203 mm x 6 mm)
Cylinder backset	2-3/4" (70 mm)
Crossbar tubing	1" (25 mm) outside diameter
Projection	Neutral – 4-3/4" (121 mm) Depressed – 4" (102 mm)
Latch bolt	5/8" (16 mm) throw
Fasteners and sex bolts (SNB)	Includes screw pack for 1-3/4" (44 mm) and 2-1/4" (57 mm) thick metal or wood doors
Finishes	605, 606, 612, 613, 619, 622, 625, 626, 643E, SPBLK

Features and options

Electrified options

E Electric unlocking (BE trim only)
RX Crossbar monitor switch in end case

Mechanical options

KN Knurled crossbar
PL Pullman latch top and bottom
RCB Reinforced crossbar

Strikes

304L (Bottom) Unfinished

Accessories

304L bottom strike

Top latch

Bottom latch

8847-F Concealed vertical rod fire exit device

8847-F fire exit concealed vertical rod devices for all types of 8'x8' (2438 mm x 2438 mm) double metal doors, UL listed, 3 hours and fits door stiles as narrow as 4-3/4" (121mm).

Specifications

Device functions	Device ships EO, L, TL
Handing	Field reversible
Crossbar length	30" for 3' door, 42" for 4' door
Device centerline	39-13/16"
Crossbar centerline to finished floor	36-13/16" (935 mm) at center
Lock stile case	8-1/4" x 2 x 15/16" (210 mm x 51 mm x 24 mm)
Hinge stile case	6" x 1-3/4" x 15/16" (152 mm x 44 mm x 24 mm)
Crossbar projection	Neutral – 4-3/4" (121 mm) Depressed – 4" (102 mm)
Crossbar tubing	1" (25 mm) outside diameter
Vertical rod	3/8" (10 mm) hexagon
Latch bolt	5/8" (16 mm) throw
Fasteners	All necessary mounting fasteners are included
Finishes	605, 606, 612, 613, 619, 622, 625, 626, 643E, SPBLK

Features and options

Electrified options

E Electric unlocking (BE trim only)
RX Crossbar monitor switch in end case

Mechanical options

KN Knurled crossbar
RCB Reinforced crossbar

Strikes

301L (Bottom) Unfinished

Accessories

301L bottom strike

Top latch

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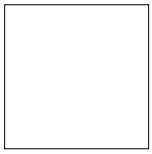
Trim functions

Von Duprin protects your investment by empowering you to adapt with flexible solutions and modular options. The 88 Series features numerous trim options to serve your different needs. Designed with flexibility in mind, our solutions offer ease of adding new options as they are developed.

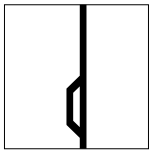
With Von Duprin, you can be confident that as the needs of your facility change, our products can be upgraded easily to meet your needs, especially as the mechanical and electronic technology converge. Von Duprin's versatile design enables you to add functionality to existing devices in a cost-effective way, protecting your investment well into the future.

A variety of device trim lock type functions such as key lock and unlock, latch bolt retraction with key and no cylinder designs for an "always operable" function are available in levers, knobs, latches, thumbpiece and thumbturn designs.



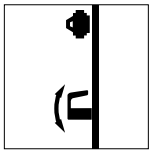
EO **No outside trim**

- Exit only



DT **Dummy trim**

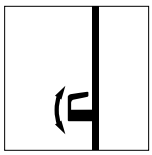
- Pull when dogged (not recommended for fire device)



L **Lever**

K **Knob**

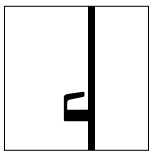
- Key locks and unlocks
- Rim or 1 ¼" mortise cylinder
- Handed, reversible lever
- Electrified lever operation available



LBE[1] **Lever, blank escutcheon**

KBE **Knob, blank escutcheon**

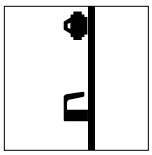
- Always operable (no cylinder)



LDT **Lever, dummy trim**

KDT **Knob, dummy trim**

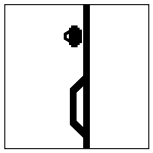
- Pull when dogged



LNL **Lever, night latch**

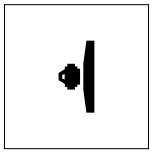
KNL **Knob, night latch**

- Key retracts latch bolt
- Rim or 1-1/4" mortise cylinder
- Handed, reversible lever



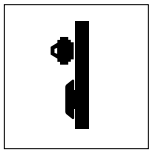
NL **Night latch**

- Key retracts latch bolt
- Rim cylinder



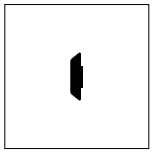
NLOP **Night latch, operational pull**

- Key retracts latch bolt, pull required

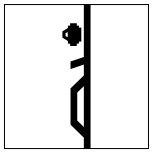


TL **Turn lever**

- Key locks and unlocks (use with DT trim)
- 1 ¼" mortise cylinder

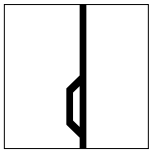


TLOP **Turn lever, optional pull**



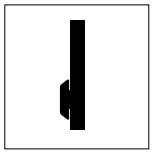
TP **Thumbpiece**

- Key locks and unlocks
- Rim or 1¼" mortise cylinder



TPBE **Thumbpiece, blank escutcheon**

- Blank escutcheon always operable (no cylinder)



TLBE **Turn lever, blank escutcheon**

- Blank escutcheon always operable (no cylinder, use with DT trim)

No trim, 370 trim

Trim description	No trim	370 trim			
Nomenclature	EO	373L	371L	377T x 880DT-V	376T x 880DT-V-SA
Function description	No outside trim	Key locks lever	Key locks lever	Key locks thumbturn (Pull required)	Key locks thumbturn (Pull required)
ANSI function	01	08/09	08/09	11/12	11/12
Device compatibility					
88	■	■ [1,2,4,5]			
88-F	■	■ [1,2,4]			
8827	■	■ [1,2,4,5,8]		■ [1,5,8]	
8827-F	■	■ [1,2,4,8]		■ [1,4,8]	
8847-F	■		■ [1,2]		■ [1]
8875	■	■ [1,2,4,5]			
8875-F	■	■ [1,2,4]			
Cylinder type	—	1-1/4" Mortise	1-1/4" Mortise	1-1/4" Mortise	1-1/4" Mortise

[1] If no cylinder operation is required, specify "BE" blank escutcheon, trim always operable; example 88TP-BE.
[2] Matching dummy trim available,use suffix "DT"; 88L-DT - not recommended on fire rated devices.
[4] When using sex bolts, an 889 cover plate is required. See page 22.
[5] When using on wood doors without sex bolts, "WDA" cover plate is required. See page 22.
[6] E370 Series controls and mechanical 373L used with E7500 must be Blank Escutcheon (BE).
[7] NL cylinder plate is also furnished standard (for operation only when key is used).
[8] NL function on 8827/8827-F only available by using either a 370 series Trim (set for NL function during installation, see previous page) or a TP-NL or K-NL designation.

880 trim

Trim description	880 trim				
Nomenclature	880EO R/V/M	880NL R/M	880TP R/V/M	880DT R/V/M	880K-R/V/M
Function description	Exit only	Night latch Key retracts latch bolt	Key locks thumbpiece	Dummy trim Pull when dogged	Key locks knob
ANSI function	01	03	05	02	08
Device compatibility					
88	■	■	■ [1]	■ [1]	■ [1,2]
88-F	■	■	■ [1]		■ [1]
8827	■	[8]	■ [1,8]	■	■ [1,2,8]
8827-F	■	[8]	■ [1,8]		■ [1,8]
8847-F	■				
8875	■	■	■ [1]	■	■ [1,2]
8875-F	■	■	■ [1]		■ [1]
Cylinder type **Rim Mortise**	—	Rim 1-1/4" Mortise	Rim 1-1/4" Mortise	—	Rim 1-1/4" Mortise

[1] If no cylinder operation is required, specify “BE” blank escutcheon, trim always operable; example 88TP-BE.
[2] Matching dummy trim available,use suffix “DT”; example 88K-DT. Not recommended on fire rated devices.
[8] NL function on 8827/8827-F only available by using either a 370 series Trim (set for NL function during installation, see previous page) or a TP-NL or K-NL designation.

Optional trim

Trim description	608 trim			
Nomenclature	608NL-R/M	608TP-R/V/M	608DT-R/V/M	606K-R/V/M
Function description	Night latch Key retracts latch bolt	Key locks thumbpiece	Dummy trim Pull when dogged	Key locks knob
ANSI function	03	05/03	02	08
Device compatibility				
88	■	■ [1]	■	■ [1,2]
88-F	■	■ [1]		■ [1]
8827		■ [1]	■	■ [1,2]
8827-F		■ [1]		■ [1,2]
8847-F				
8875	■	■ [1]	■	■ [1,2]
8875-F	■	■ [1]		■ [1,2]
Cylinder type Rim Mortise	Rim 1-1/4" Mortise	Rim 1-1/4" Mortise	-	Rim 1-1/4" Mortise

[1] If no cylinder operation is required, specify "BE" blank escutcheon, trim always operable; example 88TP-BE.
[2] Matching dummy trim available,use suffix "DT"; example 88K-DT. Not recommended on fire rated devices.

Dimensions

Trim style	Width	Height	Projection
880EO	3"	14-3/10"	N/A
880NL	3"	14-3/10"	2"
880TP	3"	14-3/10"	2"
880DT	3"	14-3/10"	2"
880K	3"	14-3/10"	2-3/4"
608DT	1-5/8"	13-1/2"	2-1/6"
608NL	1-5/8"	13-1/2"	2-1/6"
608TP	1 5/8"	13-1/2"	2-1/6"
371L	1-11/16"	7-1/2"	2-5/8"
373L	1-11/16"	7-1/2"	2-5/8"
376T	1-11/16"	7-1/2"	1-13/16"
377T	1-11/16"	7-1/2"	1-13/16"

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E8875 Electric mortise lock device

The E8875 electric mortise lock device has all the versatility and advantages of the 8875 mortise lock device, plus the advantage of being electrically controllable by a remote switching device, an access control or automatic device, or an automatic fire alarm system. The E8875 feature controls the locking of the outside trim. When unlocked, the door remains latched, preserving the fire rating of the door and making it particularly useful where codes permit locking, but require unlocking during a fire emergency. Key override is an NL type function.

Standard features

- Field reversible mortise lock
- 24 VDC continuous duty solenoid
- Tamper resistant (auxiliary dead latch)
- Silent operation
- Corrosion resistant
- Signaling functions
- Key mechanically retracts latch bolt

Optional features

- Fail safe (locked when energized, unlocked when de-energized or during power failure, specify with suffix “FS”)
- Fail secure (unlocked when energized—specify with suffix “FSE”). Outside trim automatically relocks, unless held unlocked electrically
- 24 VAC (by adding SO option)
- 12 VDC or 12 VAC with SO option

To order, specify

1a. E8875 or E8875F
1b. E7500 (if lock only is required)
2. FS or FSE
3. Voltage
4. Handing, LHR or RHR
5. Outside trim. “TP”, “TP-BE”, “K”, “K-BE” or “L-BE” function only. When using with “L” function, no cylinder operation is available. Outside control is furnished “BE”.

E373L-BE/E371L-BE

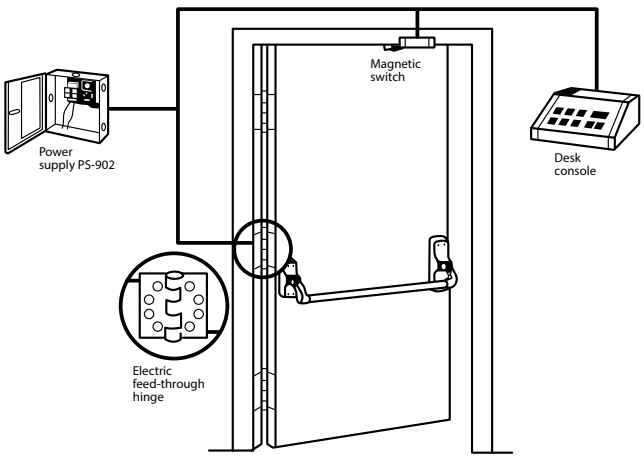
FS or FSE lever control for electric unlocking of lever.

E373L-BE

For use with rim and surface vertical rod.

E371L-BE

For use with concealed vertical rod.

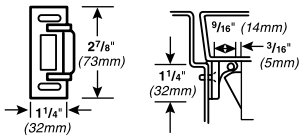


Adaptable for openings where continuous latching is required while the trim may be electrically locked or unlocked from a remote location — stairwells, exterior doors, etc.

Strikes

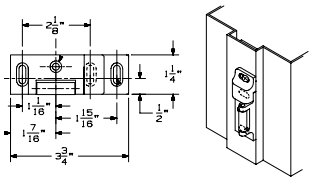
Strikes for rim devices

264



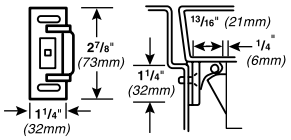
Projection 9/16" (14 mm)

268



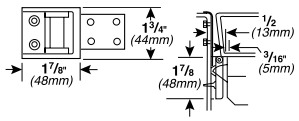
Projection 13/16" (21 mm)

299



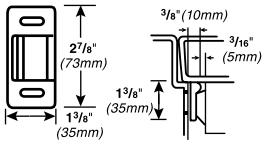
Projection 13/16" (21 mm)

1409—Blade stop



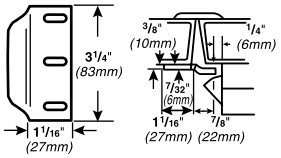
Projection 1/2" (13 mm)

1606



Projection 3/8" (10 mm)

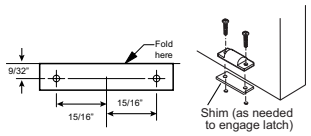
1609



For rim/vertical rod, panic only consult factory

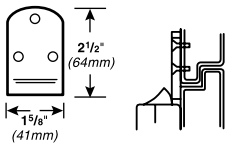
Strikes for vertical rod devices

248L-4



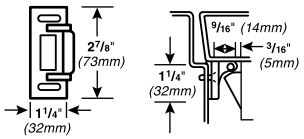
Projection 3/8" (10 mm)

260U – Flush transom only



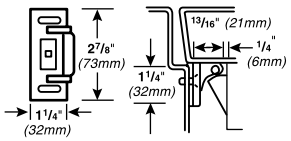
Projection 3/8" (10 mm)

264



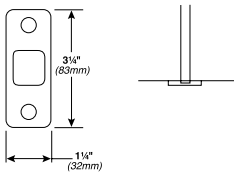
Projection 5/8" (16 mm)

299



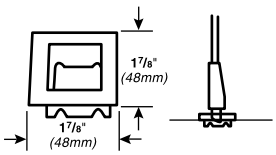
Mortise 2-1/2" (64 mm)

301L



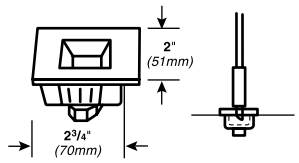
Mortise 3/4" (19 mm)

304L



Mortise 13/16" (21 mm)

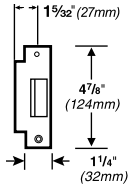
385A



Mortise 2-1/2" (64 mm)

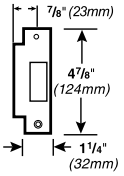
Strikes for mortise devices

575



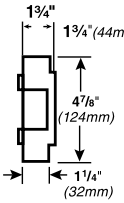
For use on 1 3/4" (44mm) or 2 1/4" (57mm) Single door and 2 1/4" (57mm) double door with coordinator.

575-2



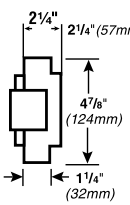
For use on 1 3/4" (44mm) thick double door with coordinator and astragal

576A



Open back strike for 1 3/4" (44mm) thick double doors without coordinator.

576B



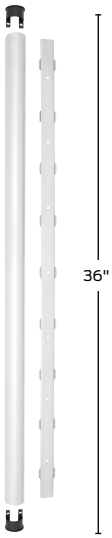
Open back strike for 2 1/4" (57mm) thick double doors without coordinator.

– Not for use with astragals
– For use on wood doors, contact door manufacturer

– Acceptable for 90 minute pair of hollow metal doors

Door kits

Vertical rod and latch guard (RG-27)



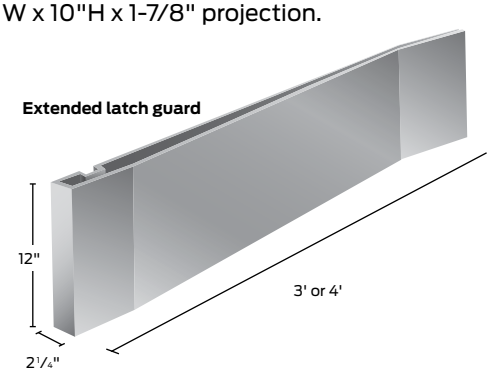
Series RG-27 Vertical rod and latch guards protect the bottom rods of exit devices from the damaging impacts of carts or gurneys passing through doors. (If bottom rods become damaged, the exit device will not function as intended and can jeopardize the ability to exit safely during an emergency.)

In addition to protecting the vertical rod, the guard provides a smooth, unobstructed surface so the door can be pushed open easily with the bumpers of a wheelchair. The latch guard portion is 10" high. The standard latch guard features a 45º ramp. The extended latch guard offers a continuous ramp in 3' or 4' widths.

All stainless steel construction in US32D finish. Latch guards can cover latches as large as 1-1/4"W x 10"H x 1-7/8" projection.

Latch guard

Extended latch guard



Models

RGO	Rod guard only (projection 1 3/16")
RG-27	Rod and latch guard
RG-27-3	3' (914 mm) Rod guard and extended latch guard
RG-27-4	4' (1219 mm) Rod guard and extended latch guard
LGO	Latch guard only
LGO-3	3' (914 mm) Extended latch guard only
LGO-4	4' (1219 mm) Extended latch guard only

When using on wood fire doors, high density block is required.

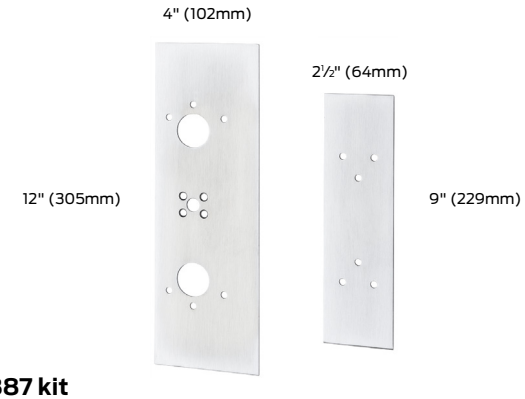
To order, specify

1. Model number
2. Handing (except on RGO)
3. Door material if other than hollow metal
4. Optional sex bolt mounting available

Cover plate kits

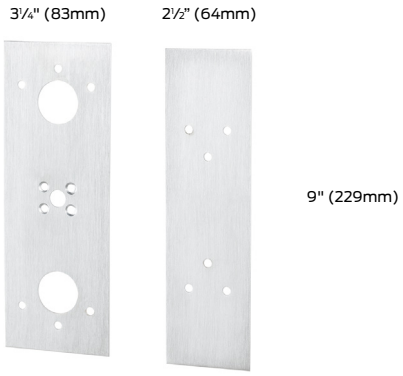
882 kit

For use to cover mortise lock or discontinued device cut-outs. Specify finish.



887 kit

Required for 88 rim/8827 vertical rod device combinations on pairs of doors with ANSI 161 cutout. (The 88 rim device backset is increased and exposes the 161 cutout when used with 8827).



888 kit

Required for 8875 mortise or 8827 vertical rod devices on doors with ANSI 161 cutouts (device center case will not cover stock cutout).

Axle security pin

Non-removable security pin can be inserted into lever arm axle to prevent tampering or removal of lever arm.

To order, specify

Part Number 033022 (package of 50)

To order, specify

1. Kit number
2. Finish
3. Device type (889 kit only)

Door kits

Controls

#10 WDA kit

Required when 373L or 377T controls are used on wood doors with the following devices: 88L, 8827L, 8827TL, 8827TL-F, or 8875L (kit covers cutout and prevents control from damaging door).

899 kit

Required when 373L controls are used with sex bolts (sex bolts must be used on wood or composite fire doors). Four studs on cover plate allow through-bolting to the device center case.

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UL listed — fire exit hardware label/opening size

			Double door			
Exit device	**Door material**	**Single door**	**With mullion**	**Same direction vert/vert**	**Same direction vert/mortise**	**Double egress vert/vert**
88-F	Metal, composite (wood or plastic covered)	3 Hour 4' x 8'	3 Hour 8' x 8'	—	—	—
8827-F	Metal	—	—	90 Min* 8' x 8'	3 Hour 8' x 8'	3 Hour 8' x 8'
8847-F	Metal	—	—	90 Min* 8' x 8'	3 Hour 8' x 8'	3 Hour 8' x 8'
8875-F	Metal	3 Hour 4' x 10'	—	—	3 Hour 8' x 10'	—

Check with door manufacturers to confirm listing compatibility.

ANSI function, grade and type

Function	**Grade 1 type 1**	**Grade 1 type 2**	**Grade 1 type 3**	**Grade 1 type 8**
01	88EO, 88EO-F	8827EO, 8827EO-F	8875EO, 8875EO-F	8847EO-F
02	88DT	8827DT	8875DT	—
03	88NL, 88NL-F	—	8875NL, 8875NL-F	—
05	88TP, 88TP-F	8827TP, 8827TP-F	8875TP, 8875TP-F	—
06	—	8827TP-NL, 8827TP-NL-F		
08	88K, 88K-F, 88L, 88L-F	8827K, 8827K-F 8827L, 8827L-F	8875K, 8875K-F 8875L, 8875L-F	8847L-F
09	88L-NL, 88L-NL-F	8827K-NL, 8827K-NL-F, 8827L-NL, 8827L-NL-F	8875L-NL, 8875L-NL-F	8847L-NL-F
09	—	8827TL-NL, 8827TL-NL-F	—	8847TL-NL-F
11-12	—	8827TL, 8827TL-F	—	8847TL-F

Hurricane rated

Application	**Model**	**Single door**	**Double door**	
		Standard strike	**Mullion**	**Standard strike**
HH (wind and impact rated) All impact rated devices require mounting with through bolts	88-F	268	HH9954	468
	8875	575	—	—
	8875-F	575	—	—
HW (wind-only)	88	299	4954 or KR4954	299
			1654 or KR1654	1606
			5654	299
	88-F	268	9954 or KR9954	268
	8827	Top: 299 Bottom: 304L	—	Top: 299 Bottom: 304L
	8875	575	—	—
	8875-F	575	—	—

Strike application/minimum stile

Device type	Standard single door		Standard double door		OPTIONAL single door		OPTIONAL double door	
	Strike	Stile	Strike w/mullion	Stile	Strike	Stile	Strike w/mullion***	Stile
88	299	4-3/8" (111 mm)	299 x 4954	4-11/16" (119 mm)	264	4-1/8" (105 mm)	299 x 5254/5654	4-1/8" (105 mm)
					1409	3-3/8" (86 mm)	264 x 5254/5654	4" (107 mm)
							264 x 4954	4-7/16" (113 mm)
					1606	3-15/16" (100 mm)	1606 x 1654	4-1/4" (108 mm)
					—	—	1609*	4" (107 mm)
					—	—	1610**	4-7/16" (113 mm)
88-F	268	4-3/8" (111 mm)	268 x 9954	4-11/16" (119 mm)	—	—	—	—
8875	Strike	Stile	Strike	Stile	Strike	Stile	Strile	Stile
	575	4-3/4" (121 mm)	—	—	—	—	575-2 576A-576B	4-3/4" (121 mm)
8875-F	575	4-3/4" (121 mm)	—	—	—	—	575-2 576A-576B	4-3/4" (121 mm)
8827 Latch retraction	Strike	Stile	Strike	Stile	260U (top) 385A (bottom)		Single door Two vertical rod devices Vertical rod w/mortise lock device	2-13/16" (71 mm) 2-1/2" (64 mm) 4-3/4" (121 mm)
	299 (top) 304L/248L-4 (bottom)		Single door	2-13/16" (71 mm)				
			Two vertical rod devices	2-1/2" (64 mm)				
			Vertical rod w/mortise lock device	4-3/4" (121 mm)				
8827-F	Soffit latch (top) (bottom) 304L		Two vertical rod devices	3-3/4" (95 mm)	385A (bottom)			
			Vertical rod w/mortise lock device	4-3/4" (121 mm)				
8847-F	Soffit latch (top) 301L (bottom)		Two vertical rod devices	4-3/4" (121 mm)				
			Vertical rod w/mortise lock device	4-3/4" (121 mm)				

*Use for rim/vertical rod combination — consult factory.
**Use for rim/vertical rod combination on stock hollow metal doors — consult factory.
***For mullion information, refer to the General and Auxiliary catalog.

Function conversion kits

Device type	Kit	Converts from –	Converts to –	Use with trim
88	CK-NL	TP, K	NL	880NL-R
	CK-TP	EO, DT, NL, K	TP	880TP-R
	CK-K/L	EO, DT, NL, TP	K	880K-R
	CK-K/L	EO, DT, NL, TP	L	373L x 889 Plate (NL, DT, TP)
88F	CK-NL-F	TP-F, K-F	NL-F	880NL-R
	CK-TP-F	EO-F, NL-F, K-F	TP-F	880TP-R
	CK-K/L-F	EO-F, NL-F, TP-F	K-F	880K-R
	CK-K/L-F	EO-F, NL-F, TP-F	L-F	373L x 889 Plate (NL, DT, TP)
8827, 8827-F	CK27-TP	EO, DT, K (std. or fire)	TP (std. or fire)	880TP-V
	CK27-K/L	EO, DT, TP (std. or fire)	K (std. or fire)	880K-V
	CK27-K/L	EO, DT, TP (std. or fire)	L (std. or fire)	373L x 889 Plate (NL, DT, TP)
	CK27-TP-NL	EO, DT, K (std. or fire)	TP-NL	880TP-V
	CK27-K-NL	EO, DT, K (std. or fire)	K-NL	880K-V

Lever styles and finishes

Standard levers

01

02 [2]

03 [1,2]

06 [1,2] (Default lever)

07 [2]

12 [3]

16

17 [1,2]

ASTI

1. Available in stainless steel—specify SS when ordering.
2. Knurling available.
3. Handed.

Finish options*					
Color	Bright Brass	Satin Brass	Satin Bronze	Bronze, Dull Oxidated	Satin Nickel
ANSI/BHMA number	605	606	612	613	619

Finish options*					
Color	Matte Black/ Anodized	Bright Chrome	Aged Bronze	Satin Chrome	Sprayed Black
ANSI/BHMA number	622/711	625	643e	626	SPBLK 693

*** Note**: Durable powder coated finishes available at specific special request. **Please contact factory.**

About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

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INPACT™ 94 and 95

Exit Device

Introduction

Flexible Solutions for Real-World Applications

There's a reason why customers have trusted Von Duprin® to keep them safe for more than 100 years. From robust materials to flexible design, Von Duprin products are engineered with you in mind. Quiet electric latch retraction (QEL) and field reversible handing provide versatility and allow 94/95 Series devices to be easily customized for your needs.

Commonly used in facilities where building openings must accommodate high volumes of people and equipment, the INPACT 94/95 Series provides a recessed push pad design that can reduce impact and protect it from abuse. A variety of finishes, trim functions and mechanical and electronic options allow you to accommodate for a variety of applications.

Passion Driving Performance

Von Duprin's exit devices offer durable solutions that are proven in the field to perform under heavy use and abuse and backed by a team of experts experienced in door hardware application and code compliance. Allegion stands behind every Von Duprin product we make with unparalleled customer support thanks to our team of experts based in the U.S. that average more than 15 years of experience, so you are assured to receive expert advice.

Information and Customer Support

us.Allegion.com

US: 1-877-671-7011
Canada: 1-800-900-4734

Support@Allegion.com
Exits_TechProdSupport@Allegion.com

www.YouTube.com/VonDuprinSafety/

Ordering

Allegion_Orders@Allegion.com

Fax: 1-800-999-0328

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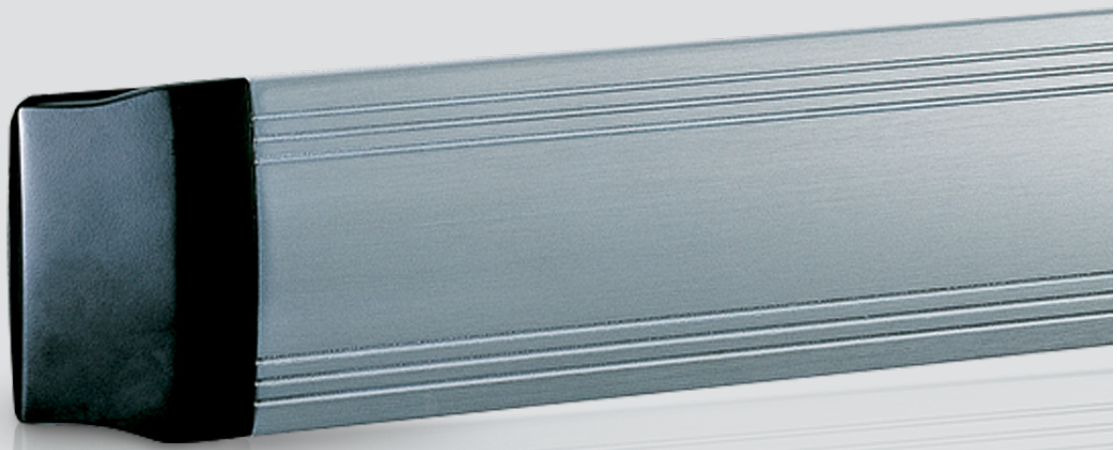


Options and accessories

Applications & trim operation	Features Appearance and trim options Lever styles
Trim options	Trim selection Trim options
Specifications	UL listed Finishes
Additional information	Single door Double door

Symbols

Indicates fire rated application

Indicates ADA products

How to order

Prefix	Device series/type		Trim/ rating		Suffix/ finish		Door width	Handing	Less bottom rod	Trim options/ finish	Accessories	Other Information
1	2	3	4	5	6	7	8	9	10	11	12	13
QEL -	94 -	47 -	L -	F -	BE -	626 -	3' -	LBR -	LBR -	LC -	— -	— -

Detail

1 Prefixes

HW	Wind only - hurricane rated
LX	Latch bolt monitoring
SS	Signal switch
QEL	Quiet electric latch retraction

2 Device series

94	94 Series - smooth
95	95 Series - grooved

3 Device type

47	Concealed vertical rod device
48	Concealed vertical rods
75	Mortise lock device

4 Trim functions

DT	Dummy trim
EO	Exit only
L	Lever trim
NL	Night latch
TL	Turn lever

5 Rating

Blank	Panic exit hardware
F	Fire exit hardware

6 Suffix

AX	Accessible device
BE	Blank escutcheon

7 Finish

605	Bright brass
606	Satin brass
612	Satin bronze
625	Bright chrome
626	Satin chrome
626AM	Satin chrome, antimicrobial
628	Aluminum, anodized
710	Dark brown, anodized

8 Door width / Door thickness

3'	Standard default	1 3/4"	Standard

9 Handing

LHR	Left hand reverse
RHR	Right hand reverse

10 Less bottom rod

LBR	Less bottom rod

11 Trim options/finish

LC	Less control
LT	Less trim
376T	Thumbturn control - CV
392-7	Optional wire pull trim
550	Optional offset dummy trim
940L	Lever control
605	Bright brass
606	Satin brass
612	Satin bronze
613	Satin bronze-oil rubbed
622	Black matte
625	Bright chrome
626	Satin chrome
626AM	Satin chrome, antimicrobial
628	Aluminum, anodized
693	Painted black
695	Painted dark bronze

12 Accessories

CYL	Include cylinder
PL	Pullman latch w/ES strike

13 Other information

Door material

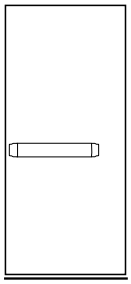
HMD	Hollow metal

Door application

DE	Pair double egress doors
PR	Pair of doors
SGL	Single door

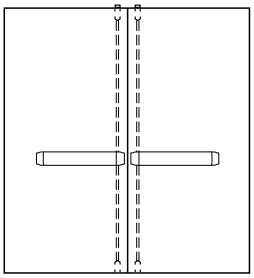
Popular applications and handling

Single Door Applications

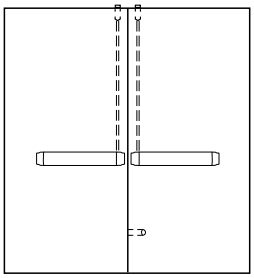


Single mortise lock device

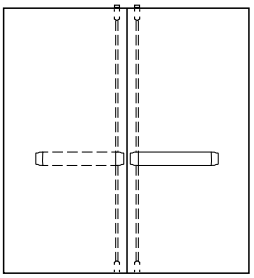
Double Door Applications



Two concealed vertical rods same swing



Two fire exit hardware concealed vertical rods with auxiliary fire latch-LBR option

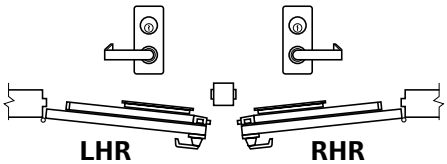


Two concealed vertical rods double egress

Door handing

Left hand-reverse orientation

Right hand-reverse orientation



(Left hand-reverse)

(Right hand-reverse)

Outside

INPACT™ trim operation

Standard Trim

Lever 940L*

L

Forged brass 1 3/8" (35mm) depth escutcheon. #06 lever is standard. Optional lever designs are available.

* Blank escutcheon "BE" available. Example: 940L-BE.

Optional Trim

Dummy Pull 550DT

DT

Heavy aluminum forged brackets with 10" (254mm) stainless steel pullbar.

Thumbturn 376T

TL

Forged brass 7/8" (22mm) escutcheon. It's often used with a 550DT pull trim.

Only available with concealed rod devices.

Lever styles

Decorative Levers

M51
Knurling available

M52
Knurling available

M53

M54

M55

M56

M57 [1]

M61
(Handed)

M62 [1]
(Handed)

M63
(Handed)

M81
Knurling available

M82

M83

M84

M85
(Handed)

ME1 [2]
(Handed)

ME2 [2]
(Handed)

ME3 [2]

1. Available in Stainless Steel substrate ONLY.
2. Designed with Gensler as product design consultant.

Standard Levers

01

02
Knurling available

03*
Knurling available

05

06*
Default lever
Knurling available

07

12
(Handed)

16
(Omega)

17*
Knurling available

18

ACC
(Accent)
(Handed)

AST
(Asti)
(Handed)

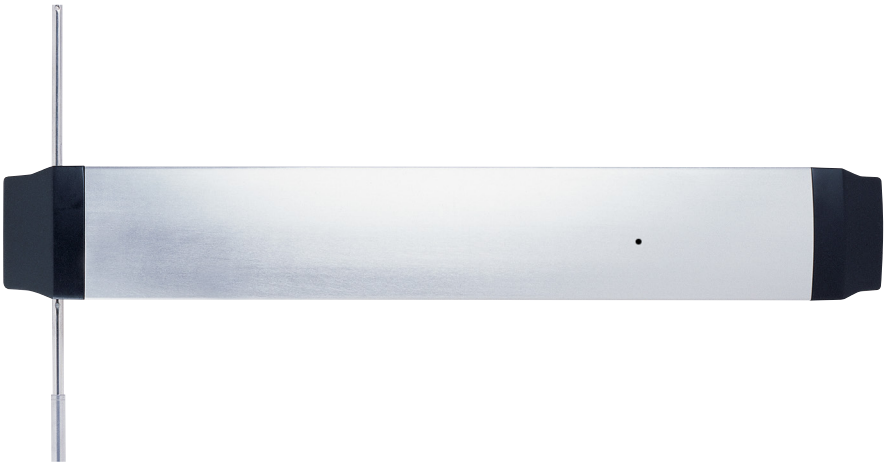
MER
(Merano)
(Handed)

LAT*
Latitude

LON*
Longitude

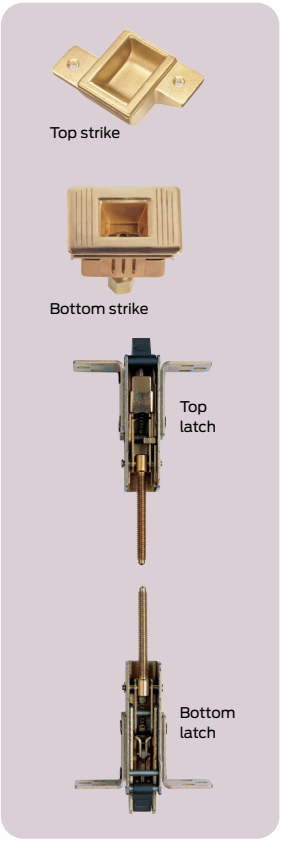
* Available in stainless steel - specify SS when ordering.

9447/9547 INPACT™ concealed vertical rod devices



94/95 INPACT concealed vertical rod device for use on factory prepped steel doors, not available for wood doors. The INPACT device is UL listed for panic, ANSI/BHMA 156.3 Grade 1. The INPACT device is non-handed.

Finishes – 605, 606, 612, 625, 628, 710



Hex key dogging comes standard on 94/95 Concealed vertical rod device

Specifications	
Device functions	Device ships EO, DT, TL, L Blank escutcheon (BE) available
Device lengths	2'6" Up to 2'9" for 24 5/32" device 2'10" up to 4' for 30 5/32" device
Device centerline from finished floor	39 5/8" (1006 mm)
Projection	1 5/8" (41 mm) neutral 1 1/4" (32 mm) depressed
Latch bolt	5/8" (16 mm) throw deadlocking latch bolt standard
Door undercut	1/4" (7 mm) maximum
Top & bottom latch case assembly	4 1/2" X 2 1/8" x 1 1/2" (114 mm x 54 mm x 38 mm)
Vertical rods	Two-piece adjustable rods, door 6'8" (2032 mm) to 8'0" (2540 mm) can be adjusted by removing the latchside endcap
Fasteners	Included for surface mounting to recessed door prep and through bolting to trim
Electric options	**QEL** quiet electric latch retraction **LX** latch bolt monitor switch
Mechanical options	**LBR** less bottom rod
Dogging option	Hex key dogging
Strikes	Top - 338 unfinished, bottom - 385A unfinished

QEL

Quiet electric latch retraction

- Bolt retraction via switch
- Converts exit door to push-pull operation

LX

Latch bolt monitor switch

- Signals use of an opening
- SPDT switch to monitor latch bolt

LBR

Less bottom rod

- For pairs of vertical rod devices

Standard Trim

	EO **Exit only**	DT **Dummy trim** Pull when dogged	TL **Thumbturn key** Key locks & unlocks (Use with DT trim)
Product description	9447EO 9547EO	9447DT 9547DT	9447TL 9547TL
Trim description	—	550DT	550DT x 376T
Escutcheon plate size	—	—	7 1/2" x 1 11/16" (190mm x 43mm)
Pull overall length	—	3 5/8" x 11 9/16" (93 mm / 294mm)	—
Pull center to center	—	10" (254 mm)	—
Projection/Offset	—	2 5/8" x 1 7/8" (67 mm / 48mm)	2 5/8" x 1 7/8" (67 mm x 48mm)
ANSI function	01	02	11 or 12
Cylinder type	—	—	1 1/4" Mortise
Handing	—	—	—

	L **Lever** Key locks & unlocks	L-BE **Lever - Blank escutcheon** Always operable (no cylinder)	L-DT **Lever dummy trim** Pull when dogged	L-NL **Lever-night latch** Unlocks lever, relocks upon key removal
Product description	9447L 9547L	9447L-BE 9547L-BE	9447L-DT 9547L-DT	9447L-NL 9547L-NL
Trim description	940L	940L-BE	940L-DT	940L-NL
Escutcheon plate size	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)
Pull center to center	—	—	—	—
Projection	2 3/32" (75 mm)	2 3/32" (75 mm)	2 3/32" (75 mm)	2 3/32" (75 mm)
ANSI function	08	14	02	03
Cylinder type	1 1/4" Mortise	—	—	1 1/4" Mortise
Handing	Handed/Reversible	Handed/Reversible	Handed/Reversible	Handed/Reversible

9447/9547 INPACT™ concealed vertical rod fire exit device

Top strike

Bottom strike

Top latch

Bottom latch

94/95 INPACT concealed vertical rod fire exit device for use on factory prepped steel doors, not available for wood doors. The INPACT device is UL listed for panic and fire, ANSI/BHMA 156.3 Grade 1. The INPACT device is non-handed.

Finishes – 605, 606, 612, 625, 628, 710

Specifications	
Device functions	Device ships EO, TL, L Blank escutcheon (BE) available
Device lengths	2'6" up to 2'9" for 24 5/32" device 2'10" up to 4' for 30 5/32" device
Device centerline from finished floor	39 5/8" (1006 mm)
Projection	1 5/8" (41 mm) neutral 1 1/4" (32 mm) depressed
Latch bolt	5/8" (16 mm) throw deadlocking latch bolt standard
Door undercut	1/4" (7 mm) maximum
Top & bottom latch case assembly	4 1/2" x 2 1/8" x 1 1/2" (114 mm x 54 mm x 38 mm)
Vertical rods	Two-piece adjustable rods, door 6'8" (2032 mm) to 8'0" (2540 mm) Can be adjusted by removing the latchside endcap
Fasteners	Included for surface mounting to recessed door prep and through bolting to trim
Electric options	**QEL** Quiet electric latch retraction **LX** Latch bolt monitor switch
Mechanical options	**LBR** Less bottom rod
Dogging option	No mechanical dogging
Strikes	Top - 338 unfinished, bottom - 385A unfinished

QEL

Quiet electric latch retraction

- Bolt retraction via switch
- Converts exit door to push-pull operation

LX

Latch bolt monitor switch

- Signals use of an opening
- SPDT switch to monitor latch bolt

LBR

Less bottom rod

- Available with UL fire Label
- For pairs of vertical rod devices

Standard Trim

	EO **Exit only**	TL **Thumbturn key** key locks & unlocks (use with DT trim)
Product description	9447EO -F 9547EO-F	9447TL-F 9547TL-F
Trim description	—	550DT x 376T
Escutcheon plate size	—	7 1/2" x 1 11/16" (190mm x 43mm)
Pull center to center	—	—
Projection/Offset	—	2 5/8" x 1 7/8" (67 mm x 48mm)
ANSI function	01	11 or 12
Cylinder type	—	1 1/4" Mortise
Handing	—	—

	L **Lever** Key Locks & Unlocks	L-BE **Lever - Blank Escutcheon** Always Operable (No Cylinder)	L-NL **Lever-Night Latch** Unlocks Lever, Relocks Upon Key Removal
Product description	9447L-F 9547L-F	9447L-BE-F 9547L-BE-F	9447L-NL-F 9547L-NL-F
Trim description	940L	940L-BE	940L-NL
Escutcheon plate size	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)
Pull center to center	—	—	—
Projection	2 3/32" (75 mm)	2 3/32" (75 mm)	2 3/32" (75 mm)
ANSI function	08	14	03
Cylinder type	1 1/4" Mortise	—	1 1/4" Mortise
Handing	Handed/Reversible	Handed/Reversible	Handed/Reversible

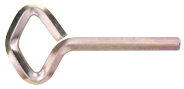
9475/9575 mortise lock device

575 Strike

94/95 INPACT mortise lock device for use on factory prepped steel doors, not available for wood doors. The INPACT device is UL listed for panic, ANSI/BHMA 156.3 Grade 1. The INPACT device is non-handed.

Finishes – 605, 606, 612, 625, 626, 628, 710

Hex key dogging comes standard on 94/95 Mortise lock device



Specifications	
Device functions	Device ships EO, DT, TL, L, NL Blank escutcheon (BE) available
Device lengths	2'6" up to 2'9" for 24 5/32" device 2'10" up to 4' for 30 5/32" device
Mortise lock centerline from finished floor	48 1/8" (1222 mm)
Projection	1 5/8" (41 mm) neutral 1 1/4" (32 mm) depressed
Latch bolt	3/4" (19 mm) anti-friction
Fasteners	Included for surface mounting to recessed door prep and through bolting to trim
Electric options	**QEL** Quiet electric latch retraction **LX** Latch bolt monitor switch **SS7500-IN** Signal switch mortise lock
Dogging option	Hex key dogging
Strikes	575 - Dull black

QEL

Quiet electric latch retraction

- Bolt retraction via switch
- Converts exit door to push-pull operation

LX

Latch bolt monitor switch

- Signals use of an opening
- SPDT switch to monitor latch bolt

Standard Trim

	EO	DT	NL
	Exit only	**Dummy Trim** Pull When Dogged	**Night Latch** Key Retracts Latch bolt
Product description	9475EO 9575EO	9475DT 9575DT	9475NL 9575NL
Trim description	—	550DT	550DT x Cylinder
Escutcheon plate size	—	—	(40mm x 273mm x 21 mm)
Pull overall length	—	3 5/8" x 11 9/16" (93 mm / 294mm)	—
Pull center to center		10" (254 mm)	
Projection	—	2 5/8" x 1 7/8" (67 mm / 48mm)	2 5/8" x 1 7/8" (67 mm x 48mm)
ANSI function	01	02	03
Cylinder type	—	—	1 1/4" Mortise
Handing	—	—	—

	L	L-BE	L-DT	L-NL
	Lever Key Locks & Unlocks	**Lever - Blank Escutcheon** Always Operable (No Cylinder)	**Lever Dummy Trim** Pull When Dogged	**Lever-Night Latch** Unlocks Lever, Relocks Upon Key Removal
Product description	9475L 9575L	9475L-BE 9575L-BE	9475L-DT 9575L-DT	9475L-NL 9575L-NL
Trim description	940L	940L-BE	940L-DT	940L-NL
Escutcheon plate size	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)
Pull center to center	—	—	—	—
Projection	2 3/32" (75 mm)	2 3/32" (75 mm)	2 3/32" (75 mm)	2 3/32" (75 mm)
ANSI function	08	14	02	03
Cylinder type	1 1/4" Mortise	—	—	1 1/4" Mortise
Handing	Handed/Reversible	Handed/Reversible	Handed/Reversible	Handed/Reversible

9475/9575-F mortise lock fire exit device

575 Strike

94/95 INPACT mortise lock fire exit device for use on factory prepped steel doors, not available for wood doors. The INPACT device is UL listed for panic and fire, ANSI/BHMA 156.3 Grade 1. The INPACT device is non-handed.

Finishes – 605, 606, 612, 625, 626, 628, 710

Specifications

Device functions	Device ships EO, DT, TL, L Blank escutcheon (BE) available
Device lengths	2'6" up to 2'9" for 24 5/32" device 2'10" up to 4' for 30 5/32" device
Mortise lock centerline from finished floor	48 1/8" (1222 mm)
Projection	1 5/8" (41 mm) neutral 1 1/4" (32 mm) depressed
Latch bolt	3/4" (19 mm) anti-friction, field reversible
Fasteners	Included for surface mounting to recessed door prep and through bolting to trim
Electric options	**QEL** Quiet electric latch retraction **LX** Latch bolt monitor switch **SS7500-IN** Signal switch mortise lock
Dogging option	No mechanical dogging
Strikes	575 - Dull black

QEL

Quiet electric latch retraction

- Bolt retraction via switch
- Converts exit door to push-pull operation

LX

Latch bolt monitor switch

- Signals use of an opening
- SPDT switch to monitor latch bolt

Standard Trim

	EO	NL
	Exit only	**Night latch** Key retracts latch bolt
Product description	9475EO -F 9575EO-F	9475NL-F 9575NL-F
Trim description	—	550DT x Cylinder
Escutcheon plate size	—	(40mm x 273mm x 21 mm)
Pull overall length	—	—
Pull center to center	—	
Projection	—	2 5/8" x 1 7/8" (67 mm x 48mm)
ANSI function	01	03
Cylinder type	—	1 1/4" Mortise
Handing		—

	L	L-BE	L-NL
	Lever Key locks & unlocks	**Lever - Blank Escutcheon** Always operable (no cylinder)	**Lever-night latch** Unlocks lever, relocks upon key removal
Product description	9475L-F 9575L-F	9475L-BE-F 9575L-BE-F	9475L-NL-F 9575L-NL-F
Trim description	940L	940L-BE	940L-NL
Escutcheon plate size	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)	8" x 2 1/4" x 1 1/8" (203 x 57 x 29 mm)
Pull center to center	—	—	—
Projection	2 3/32" (75 mm)	2 3/32" (75 mm)	2 3/32" (75 mm)
ANSI function	08	14	03
Cylinder type	1 1/4" Mortise	—	1 1/4" Mortise
Handing	Handed/Reversible	Handed/Reversible	Handed/Reversible

INPACT™ device options and accessories

QEL – Quiet Electric Latch Retraction

The QEL feature allows for the remote unlatching of exit devices. A control station operator can flip a switch to retract the latch bolt and immediately change an exit door to push-pull operation. Different than the popular EL, the QEL quiet operation is achieved using an electric drive motor which retracts the latch bolt either momentary unlatching or for extended periods of time. This feature is an alternative to manual dogging.

QEL devices are also useful with automatic door operators, and may be applied to fire-rated applications when under the control of an automatic fire alarm system.

UL approved for Class II circuit applications.

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS902 or 914 power supply.

The PS902/914 with the 2RS, 4RL or 4R board is the minimum required. Other option boards available for other functions, see PS902/914 power supply for additional information.

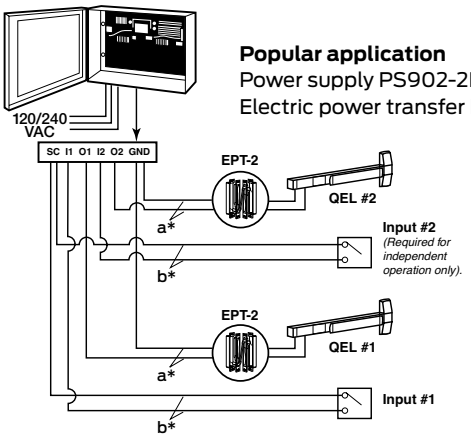
The QEL has a low in rush current, so it can be used with standard Schlage power supplies. Calculate the peak current draw of all devices in the system to determine the required amperage of the supply.

QEL electrical load	
Voltage	24VDC
Current	1.0 A Inrush (0.5 sec.) / 0.14 A Holding

The 900-2RS option board designed to control two electric latch retraction devices and provide time delay between the firing of outputs is required. The power transfer is also sold separately.

Schlage PS902	Schlage PS904	Schlage PS906
up to 2 amps	up to 4 amps	up to 6 amps

To order, specify:
Standard — use prefix QEL, example QEL94L.
Special center case dogging — use prefix SD-QEL, example SD-QEL94L



Popular application
Power supply PS902-2RS
Electric power transfer EPT-2 or EPT-10

a*

Distance (one-way)	Wire gauge
200´	18 AWG
320´	16 AWG
500´	14 AWG
800´	12 AWG

b*

Wire selection	Switch wire size
1200 ft. Max.	18 gauge standard

Latch Bolt Monitoring

The latch bolt monitor or (LX) feature gives an electronic signal when someone enters an opening from the trim side of the door. The device can then be connected to a security console or may be used as a single door alarm when used with a horn and power supply. The (LX) switch is located inside the device's pushpad on a concealed vertical rod device. For a mortise device, the switch is located inside the SS7500-IN mortise lock. Electrical Ratings: 0.5 Amp., 24 VDC.

To Order: Specify prefix LX.

INPACT Accessories

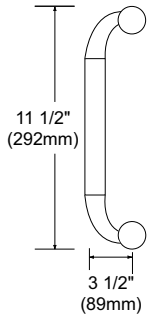
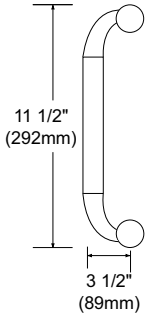
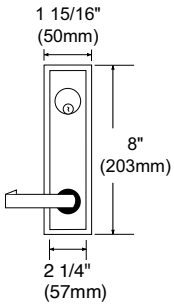
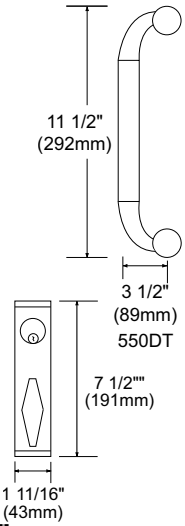
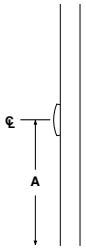
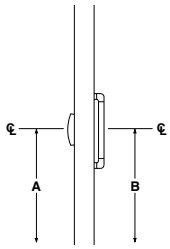
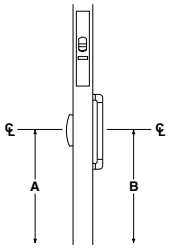
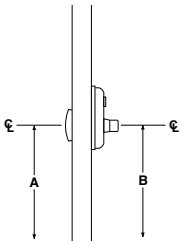
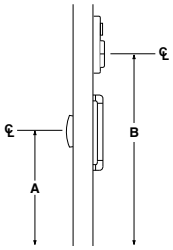
Cylinders are not furnished with device or trim and must be specified when ordering. Mortise lock exit devices and the 940L use mortise-type cylinders.

Less Bottom Rod

The less bottom rod (LBR) option is available for concealed vertical rod devices. In lieu of a bottom rod and latch, a spring-loaded auxiliary bolt is installed in the lower door edge.

When exposed to heat, during a fire, the auxiliary latch releases, keeping the doors in alignment and closed. UL listed for 3 hours on double egress doors and for 90 minutes on doors swinging in the same direction. The LBR option is not recommended for exterior door openings or where security is critical.

INPACT™ trim selection

Trim number and dimensions			550DT 	550 DT x Cylinder 	940L 	550DT x 376T 
		01 Exit only	**02** Pull when dogged	**03** Key retracts latch bolt	**08** Key locks lever	**11** Key locks thumbturn
Device/Trim center line to finished floor						
Projection		—	2 5/8"	2 5/8"	3 1/8"	1 13/16" / 2 5/8"
Concealed vertical rod	Panic	9447EO 9547EO	9447DT 9547DT	— —	9447L 9547L	9447TL 9547TL
	Fire	9447EO-F 9547EO-F	— —	— —	9447L-F 9547L-F	9447TL-F 9547TL-F
	Ctr. line	39 5/8 (1006mm)	A 39 5/8 (1006mm) B 39 5/8 (1006mm)	— —	A 39 5/8 (1006mm) B 39 5/8 (1006mm)	A 39 5/8 (1006mm) B 53 1/2 (1359mm)
Mortise lock	Panic	9475EO 9575EO	9475DT 9575DT	9475NL 9575NL	9475L 9575L	— —
	Fire	9475EO-F 9575EO-F	— —	9475NL-F 9575NL-F	9475L-F 9575L-F	— —
	Ctr. Line	39 5/8 (1006mm)	A 39 5/8 (1006mm) B 39 5/8 (1006mm)	— —	A 39 5/8 (1006mm) B 39 5/8 (1006mm)	— —
Cylinder type required	Vert. rod device	—	—	—	Mortise*	Mortise*
	Mortise device	—	—	Mortise*	—	Mortise*

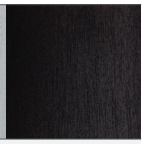
*See page 13 for cylinder information.

UL listings, fire exit hardware label / opening size

Exit device	Single door	Double door	
		Same direction**	Double egress
9475-F	3 Hour		
9575-F	4' x 10'		
9447-F		90 Minute	3 Hour
9547-F		8' x 10'	8' x 10'
9447LBR-F		90 Minute	3 Hour
9547LBR-F		8' x 10'	8' x 10'

Consult your door manufacturer for maximum listed door height.

Finishes

Finishes						
Color	**Bright brass**	**Satin brass**	**Bright chrome**	**Satin chrome**	**Aluminum, anodized**	**Duranodic dark bronze**
ANSI/BHMA number	605	606	625	626	628	710

*** Note**: Durable powder coated finishes available at specific special request. **Please contact factory.**

INPACT™ integrated door system

INPACT Recessed Exit Devices (94 and 95 Series)

INPACT door systems are designed to meet life safety and clear opening width requirements in cross corridor applications with factory installed Von Duprin 94 and 95 Series INPACT recessed exit devices. This Allegion all-in-one door solution uses L and T Series doors ordered from Steelcraft through pre-configured hardware system sets or choose the a-la-carte product option for a reliable assembly of industry-leading Allegion hardware options to meet the aesthetic and functional requirements of the opening.

Pre-Configured Application System Sets

All hardware shown below is ordered from Steelcraft and ships with the INPACT door from Steelcraft. If required hardware is not provided in system sets, they may be ordered from Steelcraft as L or T Series doors prep only, with hardware ordered separately from Allegion brands for field installation.

	System set available												A la carte
	D1-D4= "Double Egress"				P1-P4 = "Same Swing"				S1-S4 = "Single"				
	D1 90x90	D2 90x90	D3 90x90	D4 90x180	P1 90x90	P2 90x90	P3 180x180	P4 180x180	S1 90x90	S2 90x90	S3 180x180	S4 180x180	From Steelcraft
Steelcraft doors													
L Series	■	■	■	■	■	■	■	■	■	■	■	■	■
T Series	■	■	■	■	■	■	■	■	■	■	■	■	■
Von Duprin exit devices													
94/9547 Series CVR with LBR option	■	■	■	■	■	■	■	■	–	–	–	–	■
94/9575 Series Mortise exit	–	–	–	–	–	–	–	–	■	■	■	■	■
LCN closers													
4040XP Closer	–	–	–	■	–	–	■	■	–	–	■	■	■
4000T Wall mounted closer	■	■	■	■	■	■	–	–	■	■	–	–	■
LCN magnetic holders													
SEM 7850 Magnetic holder	■	■	■	■	■	■	■	■	■	■	■	■	■
Ives hinges and pivots													
700 Stainless pin and barrel continuous	■	–	–	■	–	–	■	–	■	–	■	–	■
711BSC Beveled swing clear continuous	–	■	–	–	■	–	–	■	–	■	–	■	■
91105F pocket pivot	–	–	■	–	–	■	–	–	–	–	–	–	■
224HD AL geared continuous	–	–	–	–	–	–	–	–	–	–	–	–	■
224XY AL geared continuous	–	–	–	–	–	–	–	–	–	–	–	–	■
041XY AL geared swing clear continuous	–	–	–	–	–	–	–	–	–	–	–	–	■
040XY AL geared wide throw continuous	–	–	–	■	–	–	–	–	–	–	–	–	■
5BB1HW 4.5" or 5" butt hinges	–	–	–	–	–	–	–	–	–	–	–	–	■
5BB1HWBSC 4.5" or 5" butt hinges	–	–	–	–	–	–	–	–	–	–	–	–	■
*D4 is shown with 2 different hinges to accommodate a wide throw condition using an available aluminum geared 040XY. Typically hinges should be the same material.													
Steelcraft frames													
FE Series (special profile for swing clear or pocket pivot)	■	■	■	■	–	–	–	–	–	–	–	–	■
F Series (double or single rabbet)	–	–	–	–	■	■	■	■	■	■	■	■	■

Notes:

1. For system sets All hardware is installed or shipped with the door. Frame is ordered separately since frames are typically required earlier.
2. If ordering a la carte, changes to frames, hinges or closers may change your wall configuration, opening size and clear opening width.

About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

For more, visit **www.allegion.com**

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VON DUPRIN®

98/99 Series

Exit devices

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Information and customer care

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Ordering

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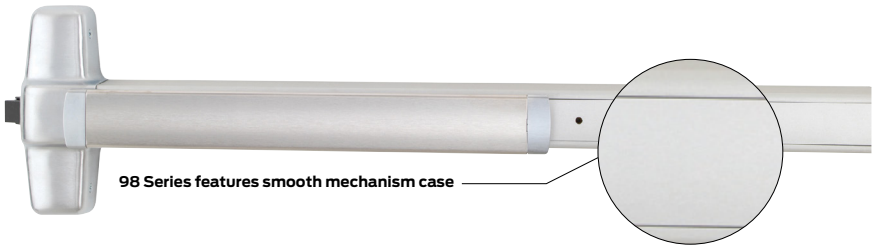
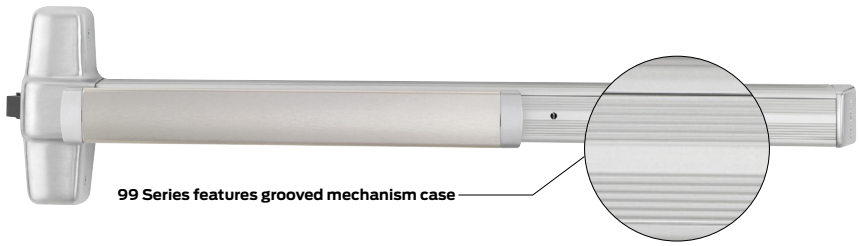
eFax: 1.800.999.0328

Engineered for value and performance

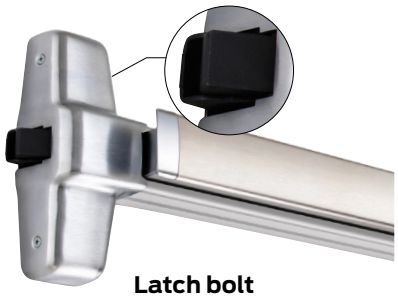
Von Duprin® empowers its customers to embrace change by providing flexible solutions that can be modified over time, protecting your investment well into the future. Von Duprin 98/99 Series push pad devices have a universal center case design that is unique to the industry and provides superior flexibility—from adding trim, switching handing or adding new retrofit options, you can configure numerous variations in the field without replacing your device.

Von Duprin's exit devices offer durable solutions that are proven in the field to perform under heavy use and abuse and backed by a team of experts experienced in door hardware application and code compliance. Allegion stands behind every Von Duprin product we make with unparalleled customer support thanks to our team of experts based in the U.S. that average more than 15 years of experience, so you are assured to receive expert advice.

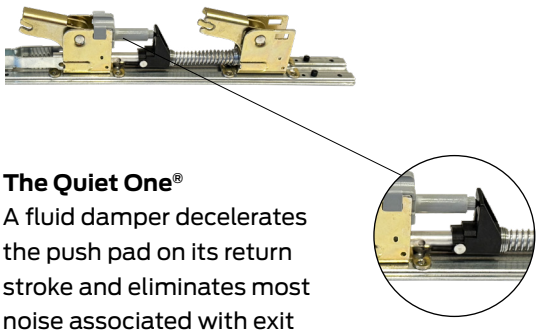




Von Duprin exit devices are available in two external surface styles, designated 98 and 99 Series.



Latch bolt
Deadlocking latch bolt provides security and improved performance at standard device cost.



The Quiet One®
A fluid damper decelerates the push pad on its return stroke and eliminates most noise associated with exit device operations. Furnished on all 98/99 Series exit devices.

Nomenclature – how to order

Prefix	Device series/type		Trim/ rating		Suffix/ finish		Door width	Handing	Less bottom rod/cable	Trim options/ finish	Optional strike/finish	Accessories	Other information
1	2	3	4	5	6	7	8	9	10	11	12	13	14
QEL	- 98	- 27	- L	- F	- —	- 626	- 3'	- RHR	- LBR	- 996-06/626	- 499F	- SNB	- HM

Detail

1 Prefixes

None	Standard
AX	Accessible device
CD	Cylinder dogging - panic only
CDSI	Cylinder dogging with security indicator
CI	Cylinder dogging indicator
CD-CX	Chexit cylinder dogging
CX	Chexit
DI	Dogging indicator
E	Electric locking mortise/lever
ESL	Emergency secure lockdown
FER	Fortified exit rim
HDSI	Hex dogging with security indicator
HH	Wind and impact
HW	Hurricane, wind only
LD	Less dogging
L-KC	Lever- key capture
LX	Latch bolt monitoring
LX-LC	Latch bolt monitoring, low current
LX-RX	Latch bolt monitoring, request to exit
LX-RX-LC	Latch bolt monitoring, request to exit low current
OUT	Outdoor defense
PL	Pullman latch
PN	Pneumatic latch retraction
QEL	Quiet electric latch retraction
QM	Quiet mechanical
RX	Request to exit
RX2	Double request to exit
RX-AUX	Request to exit, auxiliary
RX-LC	Request to exit, low current
SD	Special dogging -panic only
SS	Signal switch
WP-RX	Waterproof request to exit
WS-T	Windstorm (FEMA rated)
XP	Heavy protection - rim

2 Device series

98	Series 98-smooth
99	Series 99-grooved

3 Device type

None	Rim device
27	Surface mounted vertical rod device
47	Concealed vertical rod device
47WDC	Concealed vertical rod wood door device
48	Concealed vertical rod device
49	Concealed vertical cable device
50WDC	Concealed vertical cable wood door device
52	Rim device with remote trim input (pool exit hardware)
57	Three-point latch device
75	Mortise lock device

4 Trim functions

EO	For AD or CO locks, order the panic as Exit Only (EO)
DT	Dummy trim
EO	Exit only
HL	Hospital pull trim
K	Knob
K-BE	Knob - blank escutcheon
K-DT	Knob, rigid - dummy trim
K-NL	Knob, rigid - night latch
L	Lever (classroom)
L-BE	Lever - blank escutcheon
L-DT	Lever, rigid - dummy trim
L-KC	Lever - key capture
L-NL	Lever, rigid - night latch
NL	Night latch
NL-OP	Night latch cylinder assembly, optional pull
TL	Turn lever
TL-BE	Turn lever - blank escutcheon
TL-KC	Turn Lever - key capture
TP	Thumbpiece
TP-BE	Thumbpiece - blank escutcheon

5 Rating

F	Fire exit hardware
Blank	Panic exit hardware

6 Suffix

-2	Double cylinder (rim and mortise only)
-2SI	Double cylinder with security indicator (rim only)
CON	Connectors
WH	Weep holes

7 Finish

605	Bright brass
606	Satin brass
612	Satin bronze
619	Satin nickel
622/711	Matte black/Matte black, anodized
625	Bright chrome
626	Satin chrome
626AM	Satin chrome, antimicrobial
628	Aluminum, anodized
630	Satin stainless
630AM	Satin stainless, antimicrobial
643e	Aged bronze
693	Black paint
710	Dark brown, anodized

8 Door width

		Door thickness	
3'	Standard default	1 3/4"	Standard
4'		2 1/4"	Optional
2'	Vertical only		

9 Handing

LHR	Left hand reverse
RHR	Right hand reverse

10 Less bottom rod/cable

LBR	Less bottom rod
LBL	Less bottom latch
LBR-AFL	LBR with fire pin
LBL-AFL	LBL with fire pin

11 Trim options/finish

06	Standard default (optional levers available)

12 Optional strike/finish

See optional strikes/finish for each device type

13 Accessories

CYL	Cylinder
GBK	Glass bead kit
SEC	Security screws
SLM	SLM blocking
SNB	Sex bolts

14 Other information

Touchbar options

BRAILLE	Vision impaired touchpad, raised letter, and braille
PUSH	Touchbar trim embossed 'PUSH'
RSS	Red silk-screened lettered touchbar trim
KN	Knurled touchbar
SG	Safety glow

Miscellaneous

CE	CE labeled
LCP	Less cover plate
IOWDA	#IOWDA cover plate

Door material

AL	Aluminum door
HM	Hollow metal
WD	Wood door
CP	Composite door
INS2	Insulclad - 1/2"
INS4	Insulclad - 1/4"

Door application

D	Double egress
P	Pair of doors
S	Single door

Note: Not all options are listed. See the specific device type pages for complete options available.

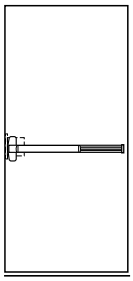
As the pioneer in the industry, Von Duprin continues to advance the industry through customer-centric innovation, which delivers solutions to the most challenging applications.

Backed by high quality standards, Von Duprin exit devices were among the first in the industry certified to ANSI/BHMA A156.3 Grade 1. Our exit devices are tested to the highest standards and proven in the field to perform under heavy use and abuse, giving you peace of mind both now and in the future.

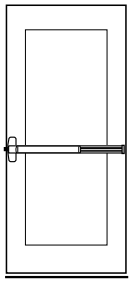
The versatile design can be easily upgraded to connect to a larger electronic ecosystem, empowering you to adapt with flexible solutions. You can configure numerous variations in the field without replacing your device and protecting your investment. This makes upgrades easy and cost-effective.

Popular applications

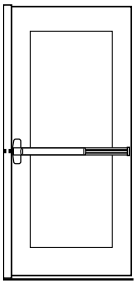
Single door applications



Single mortise lock device

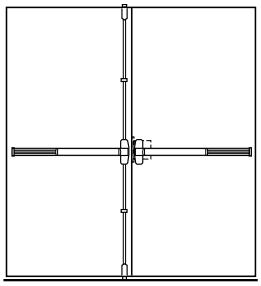


Single rim device

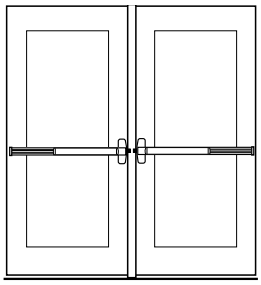


Single three-point latch device

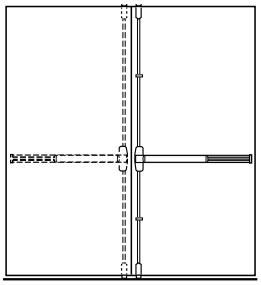
Double door applications



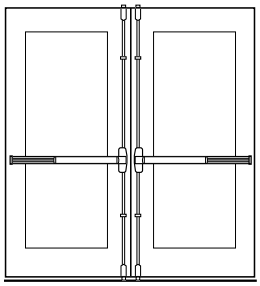
Mortise lock and surface mounted or concealed vertical cable/rod device combination—same direction



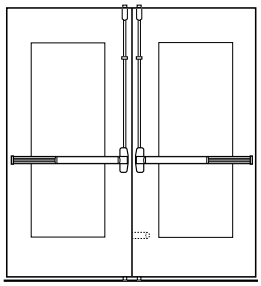
Two rim devices with mullion—same direction



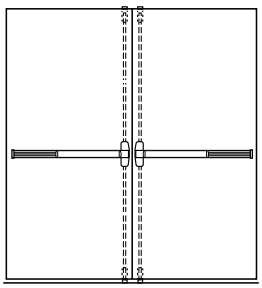
Two vertical rods—double egress
Two surface/concealed rods or cables



Two surface mounted vertical rod devices—same direction*



Two fire exit hardware vertical cables/rods with auxiliary fire latch-LBR option*



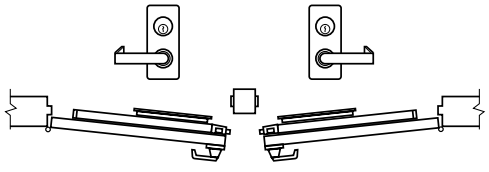
Two concealed vertical cables/rods*

* Do not use with overlapping astragals

Door handing

Left hand-reverse orientation

Right hand-reverse orientation



(Left hand-reverse)

Outside

(Right hand-reverse)

98/99 Rim exit device

98 and 99 rim exit devices for all types of single and double doors with mullion, UL listed for panic exit hardware. Devices are certified to ANSI/BHMA A156.3 Grade 1. The 98 device has a smooth mechanism case and the 99 device has a grooved case. The rim device is non-handed except when the following device options are used: SD (special dogging), -2 (double cylinder) or SS (signal switch). Covers stock hollow metal doors with 86 or 161 -2SI (double cylinder with security indicator) cutouts on single doors (may cover cutouts on pairs – consult template).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm) 39 11/16" (1008mm) with mullion
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking, 3/4" (19mm) throw
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal or wood doors (Optional 425 SNB available, see page 66 for quantities)

Accessories

299 Strike
Ships standard,
optional strikes available.

Hex key dogging
Comes standard on
98/99 rim exit devices.

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit (option available to order with Outdoor Defense)
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
AX	Accessible device
FER	Fortified exit rim
GBK	Glass bead kit
OUT	Outdoor defense
PN	Pneumatic latch retraction
QM	Quiet mechanical
SNB	Sex bolts
SEC	Security screws
WH	Weep holes (option available to order with Outdoor Defense)

Dogging feature
Hex key dogging standard

Dogging options

CD	Cylinder dogging
CD-CX	Chexit cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes
299 – Dull black

98-F/99-F Rim exit device

98-F and 99-F Rim fire exit devices are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See page 69 for detailed information on UL fire exit hardware label and door opening size information. The 98-F device has a smooth mechanism case and the 99-F device has a grooved case. The rim device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (Double cylinder with security indicator) or SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm) 39 11/16" (1008mm) with mullion
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking, 3/4" (19mm) throw
Finishes	605, 606, 612, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal or wood doors; Optional 425 SNB available for metal doors; 425 and 825 SNB required on wood doors without SLM blocking (See page 66 for quantities)

Accessories

299F Strike
Ships standard, optional strikes available

499F Strike
With 9854/9954 mullion

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit (option available to order with Outdoor Defense)
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
AX	Accessible device
GBK	Glass bead kit
OUT	Outdoor defense
PN	Pneumatic latch retraction
QM	Quiet mechanical
SNB	Sex bolts
SEC	Security screws
SLM	Special laminate material blocking
WH	Weep holes (option available to order with Outdoor Defense)

Dogging option
No mechanical dogging;
QEL options available

Strikes
299F – Dull black, 499F with mullions

XP98/99 Rim exit device

XP98/99 Rim exit devices are designed for single and double doors with mullion that require increased security. The “smart” latch changes shape when subjected to external forces. This design enables the exit door to withstand an external attack and remain secure. Additionally, the patented latch bolt design provides greater, longer-lasting latch bolt to strike contact which is not easily affected by the twisting motion of a weakened frame, resulting in an opening that will remain strong. Devices are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for panic exit hardware. The rim device is non-handed except when the following device options are used: SD (special dogging) or -2 (double cylinder). Covers stock hollow metal doors with 86 or 161 cutouts on single doors (may cover cutouts on pairs – consult template).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	3' 2'4" to 3' (711mm to 914mm) door size 4' 2'10" to 4' (864mm to 1219mm) door size
Device centerline from finished floor	39 13/16" (1011mm) 39 11/16" (1008mm) with mullion
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking, 3/4" (19mm) throw
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal or wood doors (Optional 425 SNB available, see page 66 for quantities)

Features and options

Electrified options

LX-LC	Latch bolt monitor switch, low current
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
AX	Accessible device
GBK	Glass bead kit
SNB	Sex bolts
SEC	Security screws
WH	Weep holes

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CD-CX	Chexit cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

909 – Dull black

Accessories

909 Strike
Ships standard for single or double doors.

XP latch
Provides increased security with its two piece design.

Hex key dogging
Comes standard on 98/99 rim exit devices.

XP98-F/99-F Rim exit device

XP98/99 Rim fire exit devices are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See page 69 for detailed information on UL fire exit hardware label and door opening size information. These are designed for single and double doors with 9954-XP mullion that require increased security. The “smart” latch changes shape when subjected to external forces. This design enables the exit door to withstand an external attack and remain secure. Additionally, the patented latch bolt design provides greater, longer-lasting latch bolt to strike contact which is not easily affected by the twisting motion of a weakened frame, resulting in an opening that will remain strong. The rim device is non-handed except when the following device option is used: -2 (double cylinder). Covers stock hollow metal doors with 86 or 161 cutouts on single doors (may cover cutouts on pairs – consult template).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm) 39 11/16" (1008mm) with mullion
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97 mm) Pushbar depressed – 3 1/16" (78 mm)
Latch bolt	Deadlocking, 3/4" (19mm) throw
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal or wood doors. Optional 425 SNB available for metal doors. 425 and 825 SNB required on wood doors without SLM blocking (See page 66 for quantities)

Features and options

Electrified options

LX-LC	Latch bolt monitor switch, low current
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
AX	Accessible device
GBK	Glass bead kit
SNB	Sex bolts
SEC	Security screws
SLM	Special laminate material blocking
WH	Weep holes

Dogging option

No mechanical dogging;
QEL options available

Strikes

909 – Dull black, fire rated single doors
954 – Dull black, fire rated double doors

Accessories

909 Strike
Ships standard for single doors.

XP latch
Provides increased security with its two piece design.

954 Strike
For fire rated double doors and 9954XP mullion.

9875/9975 Mortise lock device

9875/9975 Mortise lock device for all types of single or double doors, UL listed for panic exit hardware. Devices are certified to ANSI/BHMA A156.3 Grade 1. Fits stock hollow metal doors with 86 cutout and door stiles as narrow as 4 3/4" (121mm). The 9875 device has a smooth mechanism case and the 9975 device has a grooved case. The mortise lock device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator) or SS (signal switch).

The 7500 Mortise lock is equipped with a 3/4" (19mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel.

Specifications

Device functions	Device ships setup for EO/DT/NL functions. Instructions show how to set up the device in the field for use with TP, K, and L classroom function trims.
Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal or wood doors. (Optional 425 SNB available, see page 66 for quantities)

Features and options

Electrified options

RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
WH	Weep holes

Dogging feature

Hex key dogging standard

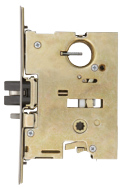
Dogging options

CD	Cylinder dogging
CD-CX	Chexit cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

575 – Dull black

Accessories



7500 Mortise lock

575 Strike

Hex key dogging
Comes standard on 9875/9975 mortise lock exit devices.

9875-F/9975-F Mortise lock fire exit device

9875-F/9975-F Fire exit mortise lock devices are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See page 69 for detailed information on UL listed fire exit hardware label and door opening size information. Fits door stiles as narrow as 4 3/4" (121mm). The 9875-F device has a smooth mechanism case and the 9975-F device has a grooved case. The mortise lock device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator) or SS (signal switch) devices.

The 7500 Mortise lock is equipped with 3/4" (19mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel.

Specifications

Device functions	Device ships setup for EO/DT/NL functions. Instructions show how to set up the device in the field for use with TP, K, and L classroom function trims.
Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal or wood doors. Optional 425 SNB available for metal doors. 425 and 825 SNB required on wood doors without SLM blocking. (See page 66 for quantities)

Features and options

Electrified options

RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
SLM	Special laminate material blocking
WH	Weep holes

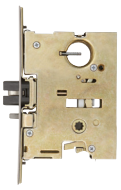
Dogging option

No mechanical dogging;
QEL options available

Strikes

575 – Dull black

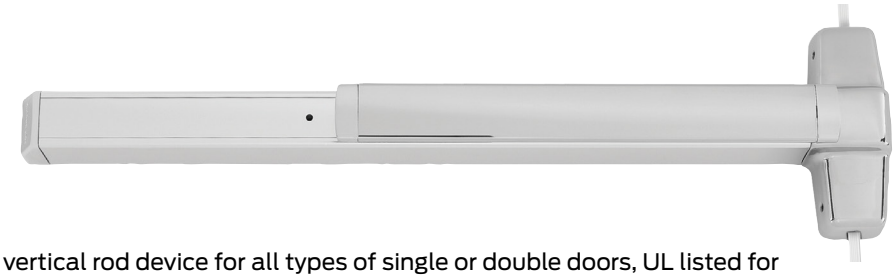
Accessories



7500
Mortise lock

575 Strike

9827/9927 Surface mounted vertical rod device



9827/9927 Surface mounted vertical rod device for all types of single or double doors, UL listed for panic exit hardware. Devices are certified to ANSI/BHMA A156.3 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. The 9827 device has a smooth mechanism case and the 9927 device has a grooved case. The surface vertical rod device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator), SD (special dogging), SS (signal switch) or WS (tornado/hurricane). Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors.

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610 mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006 mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm) recommended
Top and bottom latch case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical rods	1/2" square tubing, standard rods accommodate 7' (2134mm) doors. Top rod length: 34 15/16" (887mm); Bottom rod length: 31 1/2" (794mm). Extension rods available in 3' (914mm) for doors over 7'; One piece top rod is available for 8' (2438mm) and 10' (3048mm) doors
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal or wood doors, and 325 SNB for top and bottom latch. (Optional 425 SNB available)

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit (option available to order with Outdoor Defense)
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
AX	Accessible device
GBK	Glass bead kit
LBR	Less bottom rod
OUT	Outdoor defense
PL	Pullman latch
PN	Pneumatic latch retraction
QM	Quiet mechanical
SNB	Sex bolts
SEC	Security screws
WH	Weep holes (option available to order with Outdoor Defense)
WS	Tornado and hurricane tested

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

Top – 299 – Dull black
Bottom – 248L4 and 304L – Unfinished

Accessories

299
Top strike

Top latch

304L
Bottom strike

248L4
Bottom strike
For use with flat threshold

Bottom latch

Hex key dogging
Comes standard on 9827/9927 devices.

9827-F/9927-F Surface mounted vertical rod fire device

9827-F/9927-F Fire exit surface mounted vertical rod device are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See page 69 for detailed information on UL fire exit hardware label and door opening size information. The 9827-F device has a smooth mechanism case and the 9927-F device has a grooved case. The surface vertical rod device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator), SS (signal switch), and WS (tornado/hurricane). Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors. Rod and latch guards can be used on hollow metal or tin clad composite fire doors.

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610 mm) Door size 3' 2'4" to 3' (711mm to 914 mm) Door size 4' 2'10" to 4' (864 mm to 1219 mm) Door size
Device centerline from finished floor	39 5/8" (1006 mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97 mm) Pushbar depressed – 3 1/16" (78 mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm) recommended
Top and bottom latch case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical rods	1/2" square tubing, standard rods accommodate 7' (2134mm) doors. Top rod length: 34 15/16" (887mm); Bottom rod length: 31 1/2" (794mm). Extension rods available in 3' (914mm) for doors over 7' One piece top rod is available for 8' (2438mm) and 10' (3048mm) doors
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal or wood doors, and 325 SNB for top and bottom latch (Optional 425 SNB available)

Accessories

299F
Top strike

499F
Top strike
LBR

Top latch

Bottom latch

304L
Bottom strike

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit (option available to order with Outdoor Defense)
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
AX	Accessible device (LBR only)
GBK	Glass bead kit
LBR	Less bottom rod
OUT	Outdoor defense
PL	Pullman latch
PN	Pneumatic latch retraction
QM	Quiet mechanical
SNB	Sex bolts
SEC	Security screws
SLM	Special laminate material blocking
WH	Weep holes (option available to order with Outdoor Defense)
WS	Tornado and hurricane tested

Dogging option

No mechanical dogging;
QEL options available

Strikes

Top – 299F –(499F LBR) Dull black
Bottom – 304L – Unfinished

9857/9957 Three-point latching device

9857/9957 Three-point latching device for all types of single or double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. The 9857 device has a smooth mechanism case and the 9957 device has a grooved case. The three-point latching device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator), SD (special dogging), SS (signal switch), or WS (windstorm). Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors.

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device.
Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw; Deadlocking rim bolt, 3/4" (19mm) throw
Door undercut	1/4" (7mm) recommended
Top and bottom latch case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical rods	1/2" square tubing, standard rods accommodate 7' (2134mm) doors. Top rod length: 34 15/16" (887mm); Bottom rod length: 31 1/2" (794mm). Extension rods available in 3' (914mm) for doors over 7'. One piece top rod is available for 8' (2438mm) and 10' (3048mm) doors.
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal or wood doors, and 325 SNB for top and bottom latch (Optional 425 SNB available)

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
PL	Pullman latch
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
WH	Weep holes
WS	Tornado and hurricane tested

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CD-CX	Chexit cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

Top and middle – 299 – Dull black
Bottom – 248L4 and 304L – Unfinished

Accessories

299
Top and middle strike

Top latch

304L
Bottom strike

248L4
Bottom strike
For use with flat threshold

Bottom latch

Hex key dogging
Comes standard on 9857/9957 three point latching devices.

9857-F/9957-F Three-point latching fire exit device

9857-F/9957-F Fire exit three-point latching device are UL listed for fire exit hardware. See page 69 for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 Grade 1. The 9857-F device has a smooth mechanism case and the 9957-F device has a grooved case. The three-point latch device is non-handed except when the following device option is used: -2 (double cylinder), -2SI (double cylinder with security indicator), SS (signal switch) or WS (windstorm). Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors.

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864 mm to 1219mm) Door size
Device centerline from finished floor	39 13/16" (1011mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw; Deadlocking rim bolt, 3/4" (19mm) throw
Door undercut	1/4" (7mm) recommended
Top and bottom Latch case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical rods	1/2" square tubing, standard rods accommodate 7' (2134mm) doors. Top rod length: 34 15/16" (887mm); Bottom rod length: 31 1/2" (794mm). Extension rods available 3' (914mm) for doors over 7'. One piece top rod is available for 8' (2438mm) and 10' (3048mm) doors.
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal or wood doors, and 325 SNB for top and bottom latch. (Optional 425 SNB available for metal doors; 825 SNB required on wood doors without SLM blocking)

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
SLM	Special laminate material blocking
WH	Weep holes
WS	Tornado and hurricane tested

Dogging option

No mechanical dogging;
QEL options available

Strikes

Top and middle – 299F – Dull black
Bottom – 304L – Unfinished

Accessories

299F
Top and middle strike

Top latch

304L
Bottom strike

499F
Rim strike
For mullion applications

Bottom latch

9847/9947 Concealed vertical rod device

9847/9947 Concealed vertical rod device for use on single or double metal doors, UL listed for panic exit hardware. These are certified to ANSI/BHMA A156.3 Grade 1. The 9847 device has a smooth mechanism case and the 9947 device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator), SD (special dogging), or SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device.
Device lengths	2' 2' (610mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006 mm) Standard Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking top and bottom bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm) recommended
Top and bottom latch case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical rods	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm). Bottom rod adjustable 35 5/8" (905mm) to 49 5/8" (1260mm). Extension rod kits available for doors over 8'4" (2533mm).
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal doors (Optional 425 SNB available)

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
LBR	Less bottom rod
PL	Pullman latch
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
WH	Weep holes

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CD-CX	Chexit cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

Top – 338 – Unfinished
Bottom – 385A – Unfinished

Accessories

338
Top strike

Top latch

Bottom latch

Accessories

385A
Bottom strike

Hex key dogging
Comes standard on 9847/9947 concealed vertical rod devices

9847-F/9947-F Concealed vertical rod fire exit device

9847-F/9947-F Fire exit concealed vertical rod device are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See page 69 for detailed information on UL fire exit hardware label and door opening size information. The 9847-F device has a smooth mechanism case and the 9947-F device has a grooved case. The concealed vertical rod device is non-handed except when the following device option is used: -2 (double cylinder), -2SI (double cylinder with security indicator), SS (signal switch) devices.

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610 mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006 mm) Standard Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking top and bottom bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm) recommended
Top and bottom latch case	3 3/4" x 1 1/2" x 1" (95mm x 38mm x 25mm)
Vertical rods	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm). Bottom rod adjustable 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal doors (Optional 425 SNB available)

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
LBR	Less bottom rod
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
SLM	Special laminate material blocking
WH	Weep holes

Dogging option

No mechanical dogging;
QEL options available

Strikes

Top – 338 – Unfinished
Bottom – 385A – Unfinished

Accessories

338
Top strike

Top latch

Bottom latch

385A
Bottom strike

9848/9948 Concealed vertical rod device

9848/9948 Concealed vertical rod device for use on single or double metal doors, UL listed for panic exit hardware. These are certified to ANSI/BHMA A156.3 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. The 9848 device has a smooth mechanism case and the 9948 device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator), SD (special dogging), or SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610 mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006 mm) Standard Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97 mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking top bolt, 5/8" (16mm) throw Deadlocking bottom bolt, 1 1/2" (38mm) throw
Door undercut	3/4" (19mm) maximum, more than 1/4" minimum
Top and bottom latch case	4 1/4" x 1 1/2" x 1 1/8" (107mm x 38mm x 28mm)
Vertical rods	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm). Bottom rod adjustable 35 5/8" (905 mm) to 49 5/8" (1260 mm). Extension rod kits available for doors over 8'4" (2533mm).
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal doors (Optional 425 SNB available)

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
WH	Weep holes

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CD-CX	Chexit cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

Top – 338 – Unfinished
Bottom – 385A – Unfinished

Accessories

338
Top strike

Top latch

Bottom latch

385A
Bottom strike

Hex key dogging
Comes standard on 9847/9947 concealed vertical rod devices

9848-F/9948-F Concealed vertical rod fire exit device

9848-F/9948-F Concealed vertical rod device are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See page 69 for detailed information on UL listed fire exit hardware label and door opening size information. The 9848-F device has a smooth mechanism case and the 9948-F device has a grooved case. The concealed vertical rod device is non-handed except when the following device option is used: -2 (double cylinder), -2SI (double cylinder with security indicator), SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006mm) Standard Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking top bolt, 5/8" (16mm) throw Deadlocking bottom bolt, 1 1/2" (38mm) throw
Door undercut	3/4" (19mm) maximum, more than 1/4" minimum
Top and bottom Latch case	4 1/4" x 1 1/2" x 1 1/8" (107mm x 38mm x 28mm)
Vertical rods	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm). Bottom rod adjustable 35 5/8" (905mm) to 49 5/8" (1260 mm). Extension rod kits available for doors over 8'4" (2533mm).
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal doors. (Optional 425 SNB available)

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
SLM	Special laminate material blocking
WH	Weep holes

Dogging option

No mechanical dogging;
QEL options available

Strikes

Top – 338 – Unfinished
Bottom – 385A – Unfinished

Accessories

338
Top strike

Top latch

Bottom latch

385A
Bottom strike

9849/9949 Concealed vertical cable device

9849/9949 Concealed vertical cable device for use on single or double metal doors, UL listed for panic exit hardware. These are certified to ANSI/BHMA A156.3 Grade 1. The 9849 device has a smooth mechanism case and the 9949 device has a grooved case. The concealed vertical cable device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator), SD (special dogging), or SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device.
Device lengths	2' 2' (610 mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006 mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking top and bottom bolt, 1/2" (13mm) throw
Door undercut	3/4" (19mm) maximum (24231516 spacer block kit needed for 3/4" undercut)
Top and bottom latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
Vertical cable	7/32" (6mm) Diameter stainless steel cables
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal doors (Optional 425 SNB available)

Features and options

Electrified options

LX*	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
AX	Accessible device
GBK	Glass bead kit
LBL	Less bottom latch
PN	Pneumatic latch retraction
SG	Safety glow
SNB	Sex bolts
SEC	Security screws
WH	Weep holes

Dogging option

No mechanical dogging;
QEL options available

Dogging options

CD	Cylinder dogging
CD-CX	Chexit cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

Top – 249 – Unfinished
Bottom – 349 – Unfinished

*For 98/9949 devices, LX switch monitors trim input or electric dogging of EL/QEL devices. LX switch does not monitor latch bolt condition.

9849/9949 Concealed vertical cable device

Accessories

249 Top strike

349 Bottom strike

338 Filler plate
(retrofit bracket)

Top latch

Center slide

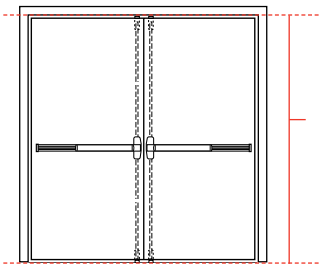
Bottom latch

Cable detail

Hex key dogging
Comes standard on 9849/9949 concealed vertical cable devices

Nominal door opening height		Top cable part number	Bottom cable part number
72" - 82"	6'0" - 6'10"	47250398	47250403
***82" - 96"**	***6'10" - 8'**	**47250175**	**47250178**
>96" - 110"	>8'0" - 9' 2"	47250176	47250179
>110" - 120"	>9'2" - 10'	47250177	47250180

*Default door opening height. Specify door opening height if other than the default. For door heights less than 6'0" and greater than 10', contact our Customer Care department to discuss your specific application needs.



Door opening height
is distance from bottom of frame header to finished floor.

See table on left for standard offering.

9849-F/9949-F Concealed vertical cable fire exit device

98/9949-F Concealed vertical cable devices are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See page 69 for detailed information on UL listed fire exit hardware label and door opening size information. The 9849 device has a smooth mechanism case and the 9949 device has a grooved case. The concealed vertical cable device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator), SD (special dogging), or SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610 mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006 mm) Standard
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw
Door undercut	3/4" (19mm) maximum (24231516 spacer block kit needed for 3/4" undercut)
Top and bottom Latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
Vertical cable	7/32" (6mm) Diameter stainless steel cables
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal doors (Optional 425 SNB available)

Features and options

Electrified options

LX*	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
AX	Accessible device
GBK	Glass bead kit
LBL	Less bottom latch
PN	Pneumatic latch retraction
SG	Safety glow
SNB	Sex bolts
SEC	Security screws
WH	Weep holes

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CD-CX	Chexit cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

Top – 249 – Unfinished
Bottom – 349 – Unfinished

*For 98/9949 devices, LX switch monitors trim input or electrified dogging of EL/QEL devices. LX switch does not monitor latch bolt condition.

9849-F/9949-F Concealed vertical cable fire exit device

Accessories

249 Top strike

349 Bottom strike

338 Filler plate
(retrofit bracket)

Top latch

Center slide

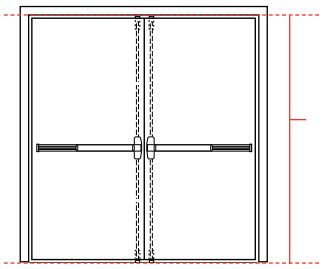
Bottom latch

Cable detail

Hex key dogging
Comes standard on 9849/9949 concealed vertical cable devices

Nominal door opening height		Top cable part number	Bottom cable part number
72" - 82"	6'0" - 6'10"	47250398	47250403
***82" - 96"**	***6'10" - 8'**	**47250175**	**47250178**
>96" - 110"	>8'0" - 9' 2"	47250176	47250179
>110" - 120"	>9'2" - 10'	47250177	47250180

*Default door opening height. Specify door opening height if other than the default. For door heights less than 6'0" and greater than 10', contact our Customer Care department to discuss your specific application needs.



Door opening height
is distance from bottom of frame header to finished floor.

See table on left for standard offering.

9847WDC/9947WDC Wood door concealed vertical rod device

9847WDC/9947WDC Concealed vertical rod device for use on single or double wood doors, UL listed for panic exit hardware. Devices are certified to ANSI/BHMA A156.3 Grade 1. The 9847WDC device has a smooth mechanism case and the 9947WDC device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator), SD (special dogging), or SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610 mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006mm) Standard Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking top bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm) maximum
Top and bottom Latch case	3 3/4" x 1 1/2" x 1" (95mm x 38mm x 25mm)
Vertical rods	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm). Bottom rod adjustable 35 5/8" (905mm) to 49 5/8" (1260 mm). Extension rod kits available for doors over 8'4" (2533mm).
Scalp plate[1]	Device is furnished standard with an 8" (203mm) long scalp plate for easy access to rods
Finishes	605, 606, 612, 625, 626, 628 and 710 (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick wood doors. (425 SNB required on wood doors without SLM blocking)

1. Do not use on pair of doors with 9875/9975.

Accessories

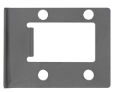
338 Top strike

Top latch

Bottom latch

385A Bottom strike

283 Top strike
For use with wood frames



Hex key dogging
Comes standard on 9847/9947 wood door concealed vertical rod devices

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
LBR	Less bottom rod
PL	Pullman latch
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
WH	Weep holes

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

Top – 338 – Unfinished
Bottom – 358A – Unfinished

9847WDC-F/9947WDC-F Wood door concealed vertical rod fire device

9847WDC-F/9947WDC-F Fire exit concealed vertical rod devices are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See page 69 for detailed information on UL listed fire exit hardware label and door opening size information. The 9847WDC-F device has a smooth mechanism case and the 9947WDC-F device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: -2 (double cylinder), -2SI (double cylinder with security indicator), SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610 mm) Door size 3' 2'4" to 3' (711mm to 914 mm) Door size 4' 2'10" to 4' (864 mm to 1219 mm) Door size
Device centerline from finished floor	39 5/8" (1006 mm) Standard
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97 mm) Pushbar depressed – 3 1/16" (78 mm)
Latch bolt	Deadlocking top and bottom bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm) maximum
Top and bottom Latch case	3 3/4" x 1 1/2" x 1" (95mm x 38mm x 25mm)
Vertical rods	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm). Bottom rod adjustable 35 5/8" (905 mm) to 49 5/8" (1260 mm). Extension rod kits available for doors over 8'4" (2533mm).
Scalp plate[1]	Device is furnished standard with an 8" (203mm) long scalp plate for easy access to rods
Finishes	605, 606, 612, 625, 626, 628, 710 (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick wood doors. (425 SNB required on wood doors without SLM blocking)

1. Do not use on pair of doors with 9875-F/9975-F.

Features and options

Electrified options

LX	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

-2	Double cylinder
-2SI	Double cylinder with security indicator
GBK	Glass bead kit
LBR	Less bottom rod
PL	Pullman latch
PN	Pneumatic latch retraction
SNB	Sex bolts
SEC	Security screws
WH	Weep holes

Dogging option

No mechanical dogging;
QEL options available

Strikes

Top – 338 – Unfinished
Bottom – 385A – Unfinished

Accessories

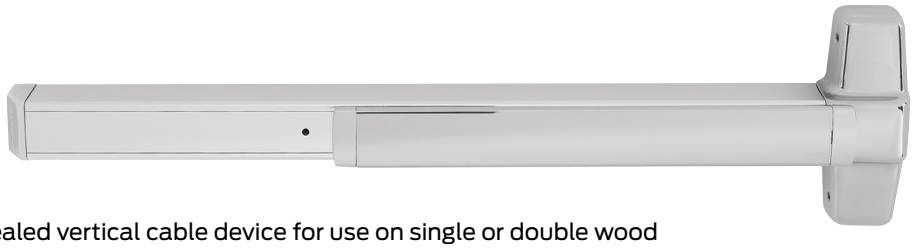
338
Top strike

Top latch

Bottom latch

385A
Bottom strike

9850WDC/9950WDC Wood door concealed vertical cable device



9850WDC/9950WDC Concealed vertical cable device for use on single or double wood doors, UL listed for panic exit hardware. Devices are certified to ANSI/BHMA A156.3 Grade 1. The 9850WDC device has a smooth mechanism case and the 9950WDC device has a grooved case. The concealed vertical cable device is non-handed except when the following device options are used: SD (special dogging), or SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device
Device lengths	2' 2' (610mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to1219 mm) Door size
Device centerline from finished floor	39 5/8" (1006mm) Standard
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking top and bottom bolt. 1 1/2" (38mm) throw
Door undercut	3/4" (19mm) maximum
Top and bottom Latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
Vertical cables	7/32" (6mm) Diameter stainless steel cables
Scalp plate[1]	Device is furnished standard with a 15" (381mm) long scalp plate for easy access to cables
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick wood doors.

1. Do not use on pair of doors with 9975 devices.

Features and options

Electrified options

LX*	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
RX996L	Trim monitor switch
RX-LC	Request to exit low current
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

AX	Accessible device
GBK	Glass bead kit
LBL	Less bottom latch
PN	Pneumatic latch retraction
SG	Safety glow
SNB	Sex bolts
SEC	Security screws
WH	Weep holes

Dogging feature

Hex key dogging standard

Dogging options

CD	Cylinder dogging
CDSI	Cylinder dogging with security indicator
HDSI	Hex dogging with security indicator
SD	Special center case dogging
LD	Less dogging
DI	Dogging indicator
CI	Cylinder dogging indicator

Strikes

Top – 150 – Unfinished
Bottom – 450 – Unfinished

*For 98/9950WDC devices, LX switch monitors trim input or electrified dogging of EL/QEL devices. LX switch does not monitor latch bolt condition.

9850WDC/9950WDC Wood door concealed vertical cable device

Accessories

150 Top strike

Top latch

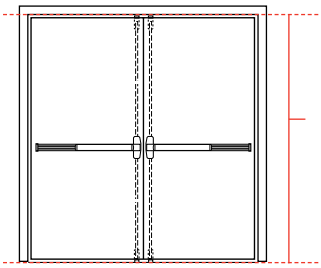
Hex key dogging
Comes standard on 9850/9950 concealed vertical cable devices

450 Bottom strike

Center slide

338 Filler plate
(retrofit bracket)

Bottom latch



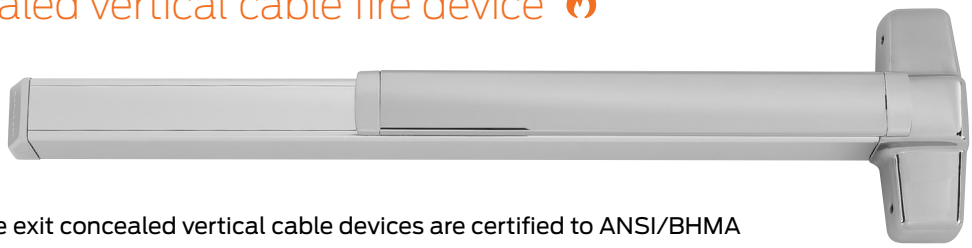
Door opening height
is measured from finished floor to frame rabbet on door side.

See table for standard offering.

Standard door opening height	
Feet	Cable tolerance
6'8" - 7'	72" - 84"
7'1" - 8'	85" - 96"
8'1" - 9'	97" - 108"
9'1" - 10'	109" - 120"

Note: Non-standard sizes available with extended lead time.
Consult Customer Care for more information 1-877-671-7011.

9850WDC-F/9950WDC-F
Wood door concealed vertical cable fire device



9850WDC-F/9950WDC-F Fire exit concealed vertical cable devices are certified to ANSI/BHMA A156.3 Grade 1 and UL listed for fire exit hardware. See page 69 for detailed information on UL listed fire exit hardware label and door opening size information. The 9850WDC-F device has a smooth mechanism case and the 9950WDC-F device has a grooved case. The concealed vertical cable device is non-handed except when the following device options are used: SS (signal switch).

Specifications

Device functions	Device ships EO/DT/NL; Field selectable; For TP, K or L remove NL drive screw from device.
Device lengths	2' 2' (610mm) Door size 3' 2'4" to 3' (711mm to 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006mm) Standard
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar neutral – 3 13/16" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking top and bottom bolt, 1 1/2" (38mm) throw
Door undercut	3/4" (19mm) maximum
Top and bottom Latch case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
Vertical cables	7/32" (6mm) Diameter stainless steel cables
Scalp plate[1]	Device is furnished standard with a 15" (381mm) long scalp plate for easy access to cables
Finishes	US3, US3A, US4, US4A, US10, US26, US26D, US26D-AM, US28, 313, 315 and 643e (US15 and US32D available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick wood doors

1. Do not use on pair of doors with 9975 devices.

Features and options

Electrified options

LX*	Latch bolt monitor switch
RX	Request to exit
RX2	Double request to exit
RX996L	Trim monitor switch
RX-LC	Request to exit low current
ESL	Emergency secure lockdown
QEL	Quiet electric latch retraction
SS	Signal switch
CX	Chexit delayed exit
ALK	Alarm exit kit
WP-RX	Waterproof request to exit
CON	Allegion Connect

Mechanical options

AX	Accessible device
GBK	Glass bead kit
LBL	Less bottom latch
PN	Pneumatic latch retraction
SG	Safety glow
SNB	Sex bolts
SEC	Security screws
SLM	Special laminate material blocking
WH	Weep holes

Dogging option

No mechanical dogging;
QEL options available

Strikes

Top – 150 – Unfinished
Bottom – 450 – Unfinished

*For 98/9950 devices, LX switch monitors trim input or electric dogging of EL/QEL devices. LX switch does not monitor latch bolt condition.

Accessories

150 Top strike

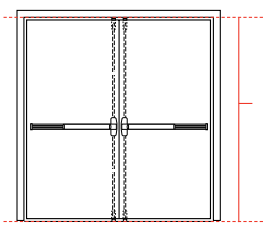
450 Bottom strike

Top latch

Center slide

Bottom latch

338 Filler plate
(retrofit bracket)



Door opening height
is measured from finished floor to frame rabbet on door side.

See table for standard offering.

Standard door opening height	
Feet	Cable tolerance
6'8" - 7'	72" - 84"
7'1" - 8'	85" - 96"
8'1" - 9'	97" - 108"
9'1" - 10'	109" - 120"

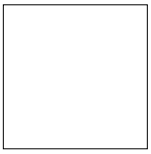
Note: Non-standard sizes available with extended lead time.
Consult Customer Care for more information 1-877-671-7011.

Trim functions

Von Duprin protects your investment by empowering you to adapt with flexible solutions and modular options. The 98/99 Series features numerous trim options to serve your different needs. Designed with flexibility in mind, our solutions offer ease of adding new options as they are developed.

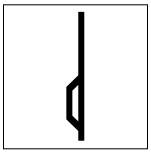
With Von Duprin, you can be confident that as the needs of your facility change, our products can be upgraded easily to meet your needs, especially as the mechanical and electronic technology converge. Von Duprin's versatile design enables you to add functionality to existing devices in a cost-effective way, protecting your investment well into the future.

A variety of device trim lock type functions such as key lock and unlock, latch bolt retraction with key and no cylinder designs for an "always operable" function are available in levers, knobs, latches, thumbpiece and thumbturn designs.



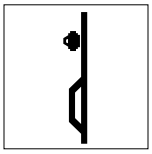
EO No outside trim

- Exit only



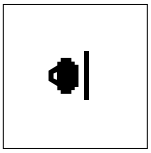
DT Dummy trim

- Pull when dogged (not recommended for fire device)



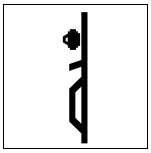
NL Night latch

- Key retracts latchbolt
- Rim and 1 ¼" mortise cylinder



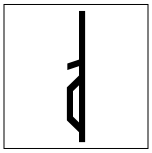
NLOP Night latch

- Key retracts latchbolt, pull required



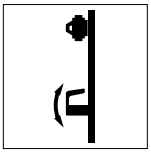
TP Thumbpiece

- Key locks and unlocks
- Rim and 1 ¼" mortise cylinder



TPBE Thumbpiece, blank escutcheon

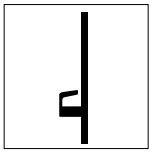
- Blank escutcheon always operable (no cylinder, use with DT trim)



L Lever

K Knob

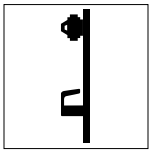
- Key locks and unlocks
- Rim and 1 ¼" mortise cylinder
- Handed, reversible lever
- Electrified lever operation available



LDT Lever, dummy trim

KDT Knob, dummy trim

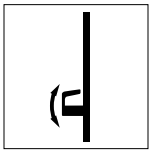
- Pull when dogged



LNL Lever, night latch

KNL Knob, night latch

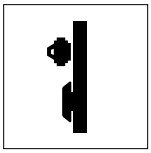
- Key retracts latchbolt
- Rim and 1 ¼" mortise cylinder
- Handed, reversible lever



LBE[1] Lever, blank escutcheon

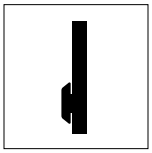
KBE Knob, blank escutcheon

- Always operable (no cylinder)



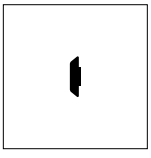
TL Turn lever

- Key locks and unlocks (use with DT trim)
- 1 ¼" mortise cylinder

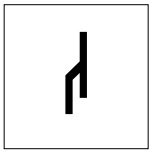


TLBE Turn lever, blank escutcheon

- Blank escutcheon always operable (no cylinder, use with DT trim)



TLOP Turn lever, optional pull



HL Hospital latch

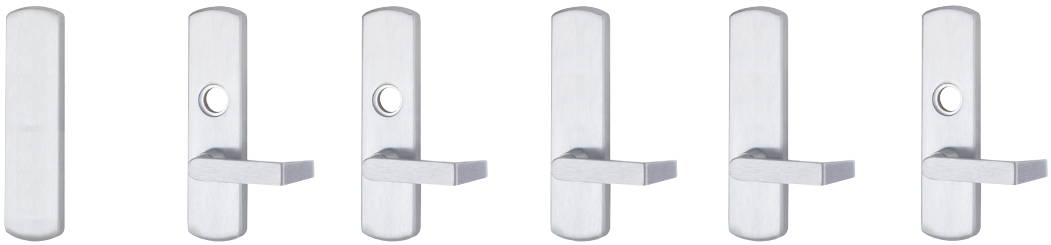
- Key locks and unlocks
- 1 ¼" mortise cylinder

No trim

Trim description		
Nomenclature	EO	110NL-MD 110NL-WD
Trim function	No outside trim	Night latch optional pull
Function description	Exit only	Key retracts latch bolt, optional pull required
ANSI function	01	03
Device compatibility		
98/99/ XP98/XP99 Rim	■	■
98/99/ XP98/XP99 Rim-F	■	■
98/9927/27-F	■	■
98/9947/47-F	■	■
98/9947WDC/WDC-F	■	■
98/9948/48-F	■	■
98/9949/49-F	■	■
98/9950WDC/50WDC-F	■	■
98/9952†	■	
98/9957/57-F	■	■
98/9975/75-F	■	
Dimensions		
Escutcheon plate size	—	—
Pull center to center	—	—
Projection	—	—
Handing		
	—	—
Cylinder type		
Rim or vertical device	—	Rim
Mortise lock device	—	—

† Default trim is 252L /L-BE. Must be ordered as EO when paired with other trims (ordered separately).

996 trim



Trim description						
Nomenclature	996EO	996L*	996L-NL*	996L-BE*	996L-DT	996L-KC
Trim function	Exit only plate	Lever	Lever-night latch	Lever-blank escutcheon	Lever-dummy trim	Lever - Key capture
Function description	Exit only plate	Key locks and unlocks	Key retracts latch bolt	Always operable, no cylinder	Pull when dogged	Key unlocks, lever retracts latch bolt
ANSI function	01	08	03	14	02	09
Device compatibility						
98/99 Rim/Rim-F	■	■	■	■	■	■
XP98/XP99 Rim/Rim-F	■	■	■	■	■	■
98/9927/27-F	■	■	■	■	■	■
98/9947/47-F	■	■	■	■	■	■
98/9947WDC/WDC-F	■	■	■	■	■	■
98/9948/48-F	■	■	■	■	■	■
98/9949/49-F	■	■	■	■	■	■
98/9950WDC/50WDC-F	■	■	■	■	■	■
98/9952†	†	†	†	†	†	
98/9957/57-F	■	■	■	■	■	■
98/9975/75-F	■	■	■	■	■	
Dimensions						
Escutcheon plate size	2 3/4" x 10 3/4" x 27/32" (70 x 273 x 21mm)					
Pull center to center	—	—	—	—	—	
Projection	—	2 7/8" (73mm)	2 7/8" (73mm)	2 7/8" (73mm)	2 7/8" (73mm)	
Handing						
	—	Handed/ reversible	Handed/ reversible	Handed/reversible	Handed/reversible	
Cylinder type						
Rim or vertical device	—	Rim	Rim	—	—	
Mortise lock device	—	1 1/4" mortise	1 1/4" mortise	—	—	

* Specify R/V if used for rim and vertical devices, M for mortise device. Example, 996L-R/V or 996L-M.

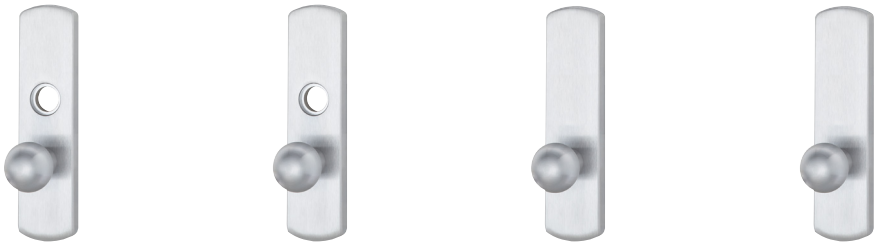
† Default trim is 252L /L-BE. Must be ordered as EO when paired with other trims (ordered separately).

Note: Projection may vary depending on the lever design selected

See lever designs on page 72 to determine if the lever is field reversible

Specify M996 for electronic locking and unlocking. See electrified options Page 59 for more information.

996 trim



Trim description				
Nomenclature	996K*	996K-NL*	996K-BE*	996K-DT
Trim function	Knob	Knob-night latch	Knob- blank escutcheon	Knob - dummy trim
Function description	Key locks and unlocks	Key retracts latch bolt	Always operable, no cylinder	Pull when dogged
ANSI function	08	03	14	02
Device compatibility				
98/99/ XP98/XP99 Rim	■	■	■	■
98/99/ XP98/XP99 Rim-F	■	■	■	■
98/9927/27-F	■	■	■	■
98/9947/47-F	■	■	■	■
98/9947WDC/WDC-F	■	■	■	■
98/9948/48-F	■	■	■	■
98/9949/49-F	■	■	■	■
98/9950WDC/50WDC-F	■	■	■	■
98/9952†				
98/9957/57-F	■	■	■	■
98/9975/75-F	■	■	■	■
Dimensions				
Escutcheon plate size	2 3/4" x 10 3/4" x 27/32" (70 x 273 x 21mm)			
Pull center to center	—	—	—	—
Projection	3 1/4" (83mm)	3 1/4" (83mm)	3 1/4" (83mm)	3 1/4" (83mm)
Handing				
	—	—	—	—
Cylinder type				
Rim or vertical device	Rim	Rim	—	—
Mortise lock device	1 1/4" mortise	1 1/4" mortise	—	—

* Specify R/V if used for rim and vertical devices, M for mortise device. Example, 996K-R/V or 996K-M.

† Default trim is 252L /L-BE. Must be ordered as EO when paired with other trims (ordered separately).

990 trim

Trim description					
Nomenclature	990EO	990DT	990NL*	990TP*	990TP-BE*
Trim function	Exit only plate	Dummy trim	Night latch	Thumbpiece	Thumbpiece blank escutcheon
Function description	Exit only plate	Pull when dogged	Key retracts latch bolt	Key locks and unlocks	Always operable, no cylinder
ANSI function	01	02	03	05	15
Device compatibility					
98/99 Rim/Rim-F	■	■	■	■	■
XP98/XP99 Rim/Rim-F	■	■	■	■	■
98/9927/27-F	■	■	■	■	■
98/9947/47-F	■	■	■	■	■
98/9947WDC/WDC-F	■	■	■	■	■
98/9948/48-F	■	■	■	■	■
98/9949/49-F	■	■	■	■	■
98/9950WDC/50WDC-F	■	■	■	■	■
98/9952†					
98/9957/57-F	■	■	■	■	■
98/9975/75-F	■	■	■	■	■
Dimensions					
Escutcheon plate size	3" x 14 3/16" x 3/32" (76 x 360 x 2mm)				
Pull center to center	—	5 1/2" (140mm)	5 1/2" (140mm)	5 1/2" (140mm)	5 1/2" (140mm)
Projection	—	2" (51mm)	2" (51mm)	2" (51mm)	2" (51mm)
Handing					
	—	—	—	—	—
Cylinder type					
Rim or vertical device	—	—	Rim	Rim	—
Mortise lock device	—	—	1 1/4" mortise	1 1/4" mortise	—

* Specify R/V if used for rim and vertical devices, M for mortise device. Example, 990NL-R/V or 990NL-M.

† Default trim is 252L /L-BE. Must be ordered as EO when paired with other trims (ordered separately).

696 trim

Trim description				
Nomenclature	696DT	696NL*	696TP*	696TP-BE*
Trim function	Dummy trim	Night latch	Thumbpiece	Thumbpiece blank escutcheon
Function description	Pull when dogged	Key retracts latch bolt	Key locks and unlocks	Always operable, no cylinder
ANSI function	02	03	05	15
Device compatibility				
98/99/ XP98/XP99 Rim	■	■	■	■
98/99/ XP98/XP99 Rim-F	■	■	■	■
98/9927/27-F	■	■	■	■
98/9947/47-F	■	■	■	■
98/9947WDC/WDC-F	■	■	■	■
98/9948/48-F	■	■	■	■
98/9949/49-F	■	■	■	■
98/9950WDC/50WDC-F	■	■	■	■
98/9952†				
98/9957/57-F	■	■	■	■
98/9975/75-F	■	■	■	■
Dimensions				
Escutcheon plate size	1 5/8" x 13 1/2" x 3/16" (41 x 343 x 5mm)			
Pull center to center	5 1/2" (140mm)	5 1/2" (140mm)	5 1/2" (140mm)	5 1/2" (140mm)
Projection	2 1/6" (52mm)	2 1/6" (52mm)	2 1/6" (52mm)	2 1/6" (52mm)
Handing				
	—	—	—	—
Cylinder type				
Rim or vertical device	—	Rim	Rim	—
Mortise lock device	—	1 1/4" mortise	1 1/4" mortise	—

* Specify R/V if used for rim and vertical devices, M for mortise device. Example, 696NL-R/V or 696NL-M.

† Default trim is 252L /L-BE. Must be ordered as EO when paired with other trims (ordered separately).

697 trim

Trim description				
Nomenclature	697DT	697NL*	697TP*	697TP-BE*
Trim function	Dummy trim	Night latch	Thumbpiece	Thumbpiece blank escutcheon
Function description	Pull when dogged	Key retracts latch bolt	Key locks and unlocks	Always operable, no cylinder
ANSI function	02	03	05	15
Device compatibility				
98/99 Rim/Rim-F	■	■	■	■
XP98/XP99 Rim/Rim-F	■	■	■	■
98/9927/27-F	■	■	■	■
98/9947/47-F	■	■	■	■
98/9947WDC/WDC-F	■	■	■	■
98/9948/48-F	■	■	■	■
98/9949/49-F	■	■	■	■
98/9950WDC/50WDC-F	■	■	■	■
98/9952†				
98/9957/57-F	■	■	■	■
98/9975/75-F	■	■	■	■
Dimensions				
Escutcheon plate size	1 5/8" x 13 1/2" x 3/16" (41 x 343 x 5mm)			
Pull center to center	5 1/2" (140mm)	5 1/2" (140mm)	5 1/2" (140mm)	5 1/2" (140mm)
Projection	3" (76mm)	3" (76mm)	3" (76mm)	3" (76mm)
Handing				
	—	—	—	—
Cylinder type				
Rim or vertical device	—	Rim	Rim	—
Mortise lock device	—	1 1/4" mortise	1 1/4" mortise	—

* Specify R/V if used for rim and vertical devices, M for mortise device. Example, 697NL-R/V or 697NL-M.

† Default trim is 252L /L-BE. Must be ordered as EO when paired with other trims (ordered separately).

374 Control x DT and 376 Control x DT trim

Trim description	374 Control x DT			376 Control x DT		
Nomenclature	374T x 990DT	374T-BE x 990DT	374T-NL x 990DT	376T x 990DT	376T-BE x 990DT	376T-NL x 990DT
Trim function	Thumbturn	Thumbturn - blank escucheon	Thumbturn - night latch	Thumbturn	Thumbturn - blank escucheon	Thumbturn - night latch
Function description	Key locks and unlocks, use with DT trim	Always operable, no cylinder, use with DT trim	Insert key to unlock, remove key to lock	Key locks and unlocks, use with DT trim	Always operable, no cylinder, use with DT trim	Insert key to unlock, remove key to lock
ANSI function	11	16	12	11	16	12
Device compatibility						
98/99/ XP98/XP99 Rim						
98/99/ XP98/XP99 Rim-F						
98/9927/27-F	■	■	■			
98/9947/47-F				■	■	■
98/9947WDC/WDC-F						
98/9948/48-F				■	■	■
98/9949/49-F						
98/9950WDC/50WDC-F						
98/9952†						
98/9957/57-F	■	■	■			
98/9975/75-F						
Dimensions						
Escutcheon plate size	TL: 1 11/16" x 7 1/2" x 7/8" (43 x 191 x 22mm)					
	DT: 3" x 14 3/16" x 3/32" (76 x 360 x 2mm)					
Pull center to center	—	—	—	—	—	—
Projection	2" (51mm)	2" (51mm)	2" (51mm)	2" (51mm)	2" (51mm)	2" (51mm)
Handing						
	—	—	—	—	—	—
Cylinder type						
Rim or vertical device	1 1/4" mortise	—	1 1/4" mortise	1 1/4" mortise	—	1 1/4" mortise
Mortise lock device	—	—	—	—	—	—

† Default trim is 252L /L-BE. Must be ordered as EO when paired with other trims (ordered separately).

376 T-WDC Control x DT and 252 trim

Trim description	376 T-WDC Control x DT			252 Trim	
Nomenclature	376T-WDC x 990DT	376TWDC-BE x 990DT	376TWDC-NL x 990DT	252L	252L-BE
Trim function	Thumbturn	Thumbturn - blank escucheon	Thumbturn - night latch	Lever	Lever - blank escutcheon
Function description	Key locks and unlocks, use with DT trim	Always operable, no cylinder, use with DT trim	Insert key to unlock, remove key to lock	Key locks and unlocks	Always operable, no cylinder
ANSI function	11 or 12	16	04	08	14
Device compatibility					
98/99 Rim/Rim-F					
XP98/XP99 Rim/Rim-F					
98/9927/27-F					
98/9947/47-F					
98/9947WDC/WDC-F	■	■	■		
98/9948/48-F					
98/9949/49-F					
98/9950WDC/50WDC-F					
98/9952†				■	■
98/9957/57-F					
98/9975/75-F					
Dimensions					
Escutcheon plate size	TL: 1 11/16" x 7 1/2" x 7/8" (43 x 191 x 22mm) DT: 3" x 14 3/16" x 3/32" (76 x 360 x 2mm)			3" x 6 3/8" x 15/16" (76 x 162 x 24mm)	
Pull center to center	—	—	—	Handed/reversible	
Projection	—	2" (51mm)	2" (51mm)	2 5/8" (67mm)	2 5/8" (67mm)
Handing					
	—	—	—	—	—
Cylinder type					
Rim or vertical device	1 1/4" mortise	—	1 1/4" mortise	1 1/4" mortise	—
Mortise lock device	—	—	—	—	—

† Default trim is 252L /L-BE. Must be ordered as EO when paired with other trims (ordered separately).

Optional trim

Schlage® HL6 quiet hospital push/pull latch

Von Duprin and Schlage® have collaborated on an exit device trim that provides both accessibility and performance. In combination, the 98/9975 mortise lock device along with the newly designed Schlage HL6 quiet hospital push/pull latch delivers an exit device with mortise lock durability that utilizes an easy to use, ADA compliant push/pull trim. The HL6 is now 50% quieter through dampened paddle action, reducing the noise associated with lock operation providing healthcare organizations a reliable solution for noise reduction initiatives. The 98/9975HL device is available in most standard architectural finishes, including antimicrobial options. Consult the HL Series catalog or data sheet for complete product information.

392-7 Offset pull

The 392-7 Offset pull is 3/4" round stainless steel, with a 7" center to center which matches the 98/99 center case. Often used with a night latch operation. 3 1/2" (89mm) offset with 1 1/2" (38mm) clearance.

Order Exit device as Exit Only (EO) or Night Latch - Omit Pull (NLOP) and order pull as a separate line item.

Vandal resistant trim: Ives VR910 and VR914 Series

VR910 black grip for softer touch and resilience to temperature extremes. VR914 grip in all stainless steel. Grip designed for comfortable operation.

Features

- Stainless steel construction, 11 gauge (0.120" thick); 630 finish only
- Thru-bolts and rugged mounting screws for maximum fastening strength
- Built-in lock protector prevents vandalism to mortise latch bolt (available on certain models)
- Extra-tough stainless steel cylinder collar prevents pipe wrench or similar tool from damaging cylinder; tapered design prevents side impacts from transferring directly to cylinder; collar spins freely.
- Furnished with mounting screws for door thicknesses of 1 3/4" to 2 1/4"
- 1 1/2" (38mm) clearance from grip to door, total projection 1 7/8" (48mm)
- Consult the Ives catalog for more information

Order the exit device Exit Only (EO) and the VR trim separatly from Ives.

Model	For use with	Size
VR910DT and VR914DT	98/99 Rim or vertical rod device	5 1/2" x 11" (133mm x 279mm)
VR910NL and VR914NL	98/99 Rim or vertical rod device	5 1/2" x 11" (133mm x 279mm)
VR910M-DT and VR914M-DT	9875/9975 Mortise device	7 1/4" x 11" (184mm x 279mm)
VR910M-NL and VR914M-NL (handing required)	9875/9975 Mortise device	7 1/4" x 11" (184mm x 279mm)

Electronic locks from Schlage

AD Series

The AD Series was designed to be the right choice for today, and is ready to adapt to whatever the future holds.

There are a variety of options that allow you to select the AD Series electronic lock that's right for you, and a wide selection of features that can be configured in the field to further customize each opening. When your needs change in the future, the innovative modular design of the AD Series allows you to easily upgrade the credential reader or networking option, and adapt to emerging technologies using your existing chassis – all without taking the lock off the door. This means that you can be confident that your choice of the AD Series is right for today, and that your investment will be protected into the future.

Credential reader options

AD Series electronic locks are compatible with many different credential types.

- Multi-technology (reads 125 kHz prox and 13.56 MHz smart)
- Smart - iClass compatible

+ KEYPAD

- Magnetic stripe (swipe)

+ KEYPAD

- Keypad

Communication options

Networked

In facilities where increased monitoring and control are needed, a networked solution is essential. The AD Series networked options feature:

- Open architecture platform
- Reliable 900 MHz communicationon wireless locks
- Real-time monitoring

The AD Series networked lock is available in either a wireless or hardwired configuration to fit your application needs.

- **AD-300** Networked hardwired locks
- **AD-302** Networked hardwired FIPS 201-2 integration-ready locks
- **AD-400** Networked wireless locks
- **AD-402** Networked wireless FIPS 201-2 integration-ready locks

Standalone

Standalone locks are a cost-effective solution for doors that do not require real-time monitoring. The AD Series standalone solution provides:

- Option for future upgrade to networked wireless
- Improved credential management
- Audit trail reports

Schlage offers one AD Series standalone solution to fit your environment:

- **AD-200** Access rights are stored on the lock

Chassis

- Cylindrical
- Mortise
- Mortise deadbolt
- Exit trim[1]

Locking functions[2]

- Classroom/storeroom
- Office
- Privacy
- Apartment

Certifications

- ANSI/BMHA A156.25
- ANSI/BHMA Grade 1
- UL 294 listed
- UL 10C
- ADA
- FCC part 15
- RoHS

Complete your system

Complete your AD Series system with readers, credentials, system components, and other wireless accessories.

1. See AD Series exit trim compatibility data sheet for complete list of compatability by manufacturer.
2. Lock function capability varies depending on Physical Access Control Software (PACS) OEM integration design.

CO Series

In the world of standalone electronic locks, CO Series offers simple solutions for access control. These easy-to-use, versatile locks can be applied anywhere there is a need to control access without distributing keys. The popular CO-100 is a simple lock that momentarily unlocks with a valid PIN code entry. It can be used indoors or out and allows administrators a variety of command options. The Series also includes CO-200. These computer programmable locks can provide audit trails and feature dual credential options (card+PIN) that provide an even greater level of security.

Compatibility

The CO Series offers a wide range of applications and can be used alongside other Schlage electronic locks. They feature expanded cylinder, exit device, and credential compatibility.

Electronic locks from Schlage

Exit device compatibility[1]

	Rim	SVR[2]	CVR/CVC	Mortise
Von Duprin 98/99 and 98/99 XP	✔	✔	✔	✔
Von Duprin 22/22F	✔	✔		
Falcon 25	✔			

1. See CO Series exit trim compatibility datasheet for complete list of compatability by manufacturer.
2. CO-220 is not compatible with surface vertical rod (SVR) devices.

Note: Exit device must be ordered as Exit Only (EO).

Credential compatibility

CO-100

- Manually programmable
- Keypad only
- User rights stored on the lock
- Remote release, outdoor use and occupancy indication options

CO-200

- Computer or manually programmable
- Keypad, magnetic stripe (+PIN), proximity (+PIN)
- User rights stored on the lock
- Ability to provide schedules and audits

Chassis

- Cylindrical
- Mortise
- Mortise deadbolt
- Exit trim

Functions

- Classroom/storeroom
- Office
- Privacy

Power

- 4 standard (AA) batteries

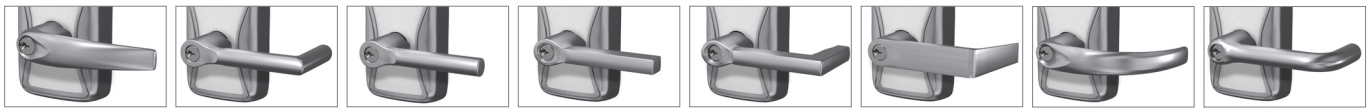
Reliability

When it comes to securing your facility, you can't afford to take chances. CO Series locks are tested to the highest quality and reliability standards in the industry, including:

- ANSI/BHMA A156.25 and ANSI/BHMA Grade 1
- UL 294
- UL 10C
- ADA

Lever styles and finishes for AD and CO Series

Lever options



Athens | Boardwalk | Broadway | Latitude | Longitude | Rhodes | Sparta | Tubular

Finish options							
Color	Bright brass	Satin brass	Satin bronze	Satin nickel	Bright chrome	Satin chrome	Aged bronze
ANSI/BHMA number	605	606	612	619	625	626/626AM	643e

XE360™ Series

The XE360 Series is the next generation of wireless locks from Schlage. The sleek design offers customers a solution that looks as good as it performs – at an affordable price point.

Features and Benefits

- Next level design inside and out
- Credential support includes Schlage MIFARE®, Bluetooth® and NFC mobile[1]
- Available with LED indicator, interior push button, or deadbolt with thumbturn
- Advanced encryption keeps data and communications safe
- Wireless configuration using connected smartphones or tablets
- No-Tour or offline system capability
- Ready for the future with the innovative FleX Module™ that allows for communication type, memory and encryption upgrades
- Utilizes a heavy-duty Grade 1 mortise chassis for exceptional quality and reliability
- Open architecture – interoperable and simple for software alliances to integrate
- Works seamlessly with other Schlage wireless locks, including Schlage Control[2]
- Uniquely concealed key override standard on all locks

1. Dependent on access control software provider support of specific mobile credentials.
2. Check with your Proptech or PACS provider for specific support.

Chassis

- Mortise
- Mortise deadbolt
- Tubular
- Exit trim

Locking functions functionality

- With indicator (I)
  - Storeroom
- With button
  - Office
  - Privacy
  - Apartment

Note: Door Position Sensor is recommended for privacy and apartment functions.

Certifications

- ANSI/BHMA A156.13-2022
- ANSI/BHMA A156.25-2023 locked outdoor type
- ANSI/BHMA A156.5-2020
- UL 294
- ULC 60839
- UL 10C 3-hour
- CAN/ULC S104 3-hour
- FCC Part 15
- Industry Canada (IC)
- Industry Canada (IC)-RSS210
- ADA Compliant[3]
- RoHS
- REACH
- TAA
- FL12400
- FL4613
- FL1592
- FL14482
- FL10356
- FL3905[4]

Compatibility

The XE360 exit trim is currently compatible with rim and surface vertical rod styles of the following exit devices:

- Falcon 25
- Von Duprin 98/99; XP98/99 rim
- Von Duprin 22

Exit device compatibility[1]

	Rim	SVR[2]	CVR/CVC	Mortise
Von Duprin 98/99 and 98/99 XP	✔	✔	✔	✔
Von Duprin 22/22F	✔	✔		
Falcon 25	✔			

Dogging options

Cylinder dogging (CD)

Cylinder dogging is available on all 98/99 Panic exit devices to replace the standard hex key dogging. Unit requires a standard 1 1/4" (32mm) mortise cylinder with an inverted straight cam. When ordering, reference Schlage cylinder 20-001, 1 1/4", XQ11-949. This provides the L583-477 cam inverted at the factory.

To order, specify: Use prefix, CD, example CD99L

Less dogging (LD)

Less dogging is available in all 98/99 Panic exit devices to remove the dogging option.

To order, specify: Use prefix LD, example LD99L

Special center case dogging (SD)

Special cylinder dogging in the center case is available for Chexit, QEL, ALK panic devices to allow for mechanical push/pull operation. With this option, the latch bolt is held retracted and pushbar is still operable. Specify handing—RHR or LHR.

SD requires 1 1/4" (32mm) mortise cylinder with an inverted straight cam. When ordering, reference Schlage cylinder 20-001, 1 1/4", XQ11-949. This provides the L583-477 cam inverted at the factory.

Note: Available on rim and vertical panic exit devices only.

To order, specify:

1. Prefix SD, example SD99L and Handing.
2. Not for 98/9975 Devices.

Cylinder dogging kit* (CDK)

For field conversion, from hex key dogging, conversion kit is available.

To order, specify: 99CDK or 98CDK, specify finish.

*Cannot be added to fire exit hardware.

Hex key dogging kit* (HDK)

For field conversion, from cylinder dogging, conversion kit is available.

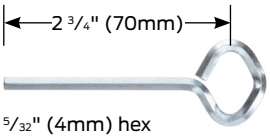
To order, specify: 99HDK or 98HDK, specify finish.

*Cannot be added to fire exit hardware.

Dog keys

Dog key (old style)

Dog key (standard)



Dogging indicator (CI/DI)

- Red indicator light blinks every 5 seconds when not dogged, visible from over 75 feet away
- Available in a hex or cylinder dogging format
- Designed for battery life over one year
- Available as a factory option or field retrofit kit
- Designed for device with mechanical dogging built after 1997

To order, specify:

As device option:

1. DI99EO 3' 630 (hex dogging)
2. CI98EO 4' 628 (cylinder dogging)

As retrofit kit:

1. DI Retrofit Kit 3' 662 (hex dogging)
2. CI Retrofit Kit 4' 613 (cylinder dogging)

Classroom security/security indicators

Designed for high use and abuse institution environments, such as schools and hospitals, these Von Duprin products are recommended for the following applications.

Visual verification
Reduce the time it takes to tour your facility and ensure each door is secure by installing the Von Duprin security indicator to provide at-a-glance visual verification.

Lockdown
Lock down high occupancy areas such as auditoriums, cafeterias and gymnasiums, from inside the room with the Von Duprin security indicator that provides positive visual confirmation.

Features and benefits
- Lockdown solution that meets fire and life safety codes for free egress
- Modular conversion kits allow you to quickly and easily upgrade your existing devices

-2SI security indicator with double cylinder
- Lock/unlock directional indicators provide a clear direction of rotation to secure opening
- Available for 98/99 Series devices

CDSI/HDSI dogging indicator
- Hex or cylinder dogging options
- Visual indication of whether the exit device is dogged or undogged
- Available for 98/99 & 33A/35A Series panic devices

Dogging security indicators (CDSI/HDSI)

The CDSI/HDSI dogging indicator provides an at-a-glance verification of the status of the door from inside of the room. Visible “LOCKED” and “UNLOCKED” indicators show whether the device is undogged or dogged. This feature can be used with hex key (HDSI) or cylinder dogging (CDSI) options on various device types–rim, mortise and vertical systems. (See minimum door charts for CDSI and HDSI to the right).

CDSI

HDSI

To order, specify:
1. Cylinder dogging security indicator: Prefix CDSI.
2. Hex dogging security indicator: Prefix HDSI.
3. Above options cannot be used with fire-rated devices and are recommended for use in combination with the following trim functions: DT, K-DT, L-DT, EO, NL, K-NL, L-KC, L-NL, NL-OP.

Double cylinder with security indicator (-2SI)

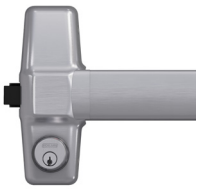
The -2SI has an interior key cylinder which locks or unlocks the lever trim from interior side of the door. The accompanying directional indication aids in operation. In addition, the status indicator provides at-a-glance verification of the LOCKED/UNLOCKED status of the door from inside of the room. This option can be ordered as a new product or as a retrofit conversion kit to an existing 98/99 device.

To order, specify:
1. Suffix: -2SI double cylinder with security indicator.
2. Specify device type, available with L and L-BE functions.
3. Specify handing and finish.

Cylinders are sold separately. Schlage rim cylinders 20-021 (keyed), XB11-979 and XB13-379 (thumbturns) are recommended.

Double cylinder

Double cylinder features an inside key cylinder which locks or unlocks the outside trim from inside a room. Clear lock/unlock icons provide directional indication to secure opening. This option can be ordered as a new product or as a retrofit conversion kit to an existing 98/99 device.



To order, specify:
1. Suffix -2 double cylinder.
2. Specify device type, available with L and L-BE functions.
3. Specify handing and finish.

Note: Cylinders are sold separately. Schlage rim cylinders 20-021 (keyed), XB11-979 and XB13-379 (thumbturns) are recommended.

WARNING: Double cylinder options (2/2SI) are ideal for fire exit hardware and panic hardware that is not equipped with the dogging feature. **Combining a double cylinder option with the dogging feature is not recommended,** as the hardware could be in the dogged (unlatched) position when the indicator states a locked position.

CDSI

Device	3'	4'
98/99	32	38
9875	N/A	N/A
9827	32	38
9857	32	38
9847	32	38
9848	32	38
9849	32	38
33	32	38
3327	32	38
3347	32	38
3348	32	38
3349	32	38

HDSI

Device	3'	4'
98/99	32	38
9875	N/A	N/A
9827	32	38
9857	32	38
9847	32	38
9848	32	38
9849	32	38
33	32	38
3327	32	38
3347	32	38
3348	32	38
3349	32	38

Environmental options

Quiet Mechanical (QM)

The QM option controls motion to reduce operational noise. It is available for the 996 trim, as well as 98/99 and 33A/35A rim and surface vertical rod devices. The QM trim solution provides a damper-controlled lever return. Likewise, the QM device option provides damper-controlled re-latching.

Features and benefits

- Controlled motion to reduce operational noise
- 996 damper-controlled lever return
- 98/99 and 33/35A damper controlled re-latching
- Available pre-installed from factory or as a retrofit kit
- Compatible with QEL, AX, RX, CD and HD
- To order, specify QM prefix of device and/or QM prefix of trim. example QM99L x QM996L to receive both

Pneumatic (PN) controlled exit devices

The PN feature provides remote latch bolt retraction in hazardous areas where electrically operated devices would not be permitted. The pneumatic solenoid will retract the latch bolt for momentary or prolonged periods. PN exit devices are particularly suited for use with automatic door operators. The PN feature is available on both Panic and fire exit hardware devices.

The PN feature includes a special actuating linkage that gives building owners the option of mechanically or pneumatically dogging the exit device. If manual hex-key dogging is required, specify HD-PN (Dogging the device, whether mechanically or pneumatically, makes the device function as a push/pull unit and reduces the wear on its moving parts.) If cylinder dogging is required, the standard cylinder dogging is not available, but special center case dogging is available, specify SD-PN. SD-PN is not available on the 9875 or 9975 devices.

When activated pneumatically, the latch bolt(s) of the exit device retract in ½ to 1 ½ seconds. This pneumatic operation uses air pressure ranging from 50 to 100 pounds per square inch.

This product will function only when it is part of a pneumatic system (air compressor, air lines, pneumatic system, etc.) Contact LCN for correct control boxes.

To order, specify:

- Standard — Use prefix PN, example PN99NL
- Hex key dogging — Use prefix HD-PN, example HD-PN99NL
- Special center case dogging (handing is required, specify RHR or LHR) — Use prefix SD-PN, example SD-PN99NL

Pneumatic transfer (PNT)

Pneumatic controls

PNT-1 is available for pneumatic latch retraction exit devices. Appearance and dimensions are identical to EPT models.

Fortified exit rim devices (FER)

The Von Duprin® 33A/35A and 98/99 series offers Fortified exit rim (FER) devices for use in applications desiring additional security and in systems undergoing ASTM F3561-22 testing. The FER device has design enhancements to add extra reinforcement, including a cast steel center case (33A/35A) and formed steel (98/99) chassis. Armored trim plates will also be used with the EO (Exit Only) devices.

Von Duprin® launched the FER 33/35A devices on November 4, 2024, with the FER 98/99 to follow in early 2025.

FER (Fortfied Exit Rim) Devices		
Series	33A/35A narrow stile	98/99 wide stile
Device type	Rim	Rim
Functions	EO (with 388-FER trim plate) NLOP (388 trim)	EO (with 996-FER trim plate) L-NL (996-L-NL trim)

FER Options		
Prefix	FER - Fortified exit ALK - Alarm kit CD - Cylinder dogging CDSI - Cylinder dogging security indicator RX - Request to exit RX-LC - Request to exit low current RX2 - Double request to exit	ESL - Emergency secure lockdown HD - Hex dogging HDSI - Hex dogging security indicator LD - Less dogging QEL - Quiet electric latch retraction HD-QEL - Quiet electric latch retration with hex dogging
Suffix	CON - Connectors WH - Weep holes	
Finishes	605 - Bright brass 606 - Satin brass 612 - Satin bronze 619 - Satin nickel 622/711 - Matte black/matte black, anodized 625 - Bright chrome 626 - Satin chrome	626AM - Satin chrome, antimicrobial 628 - Aluminum, anodized 630 - Satin stainless (98/99 only) 630AM - Satic stainless, antimicrobial (98/99 only) 643e - Aged bronze 693 - Black paint 710 - Dark brown, anodized
Door width	3'- 3 foot device 4'- 4 foot device	
Handing	LHR - Left hand reverse RHR - Right hand reverse	
Touchbar options	PUSH - Touchbar trim embossed 'PUSH' RSS - Red silk-screened lettered touchbar trim SG - Safety glow	

For double door applications:

- For ASTM F3561-22 requirements, must use 48/4954 mullion and TruLite Doors
- For other security and safety applications, 98/9954 mullion can be used.

Outdoor defense (OUT) exit devices

Outdoor defense (OUT) option for Von Duprin exit devices are designed to safeguard against moisture, temperature variations, and corrosion in exterior applications. Testing conditions simulated driving rain, high (151 F) and low (-31 F) temperatures, dust, and debris (for list of testing and outdoor defense conditions see Outdoor Defense data sheet). Available for the popular 98/99 Series rim and surface vertical rod exit devices, this option is engineered to protect internal components and assemblies that are critical to exit device function and long life from moisture, temperature, and the elements as well as protect electronic features such as switches, latch retraction, delayed/controlled egress, and alarm kits.

To order, specify

1. Prefix: OUT, Outdoor Defense
2. Specify Device type and functions requested
3. Specify finish

98/9952 Rim with remote trim input (pool exit hardware)

Openings beyond the interior often have additional functional requirements that go beyond the limits of standard door hardware. Von Duprin offers the safety of panic hardware for pool enclosures, tested to withstand corrosive cleaners typically used in outdoor pool environments. Both the device and trim are built with components engineered to protect against high pressure bleach concentration used in some pool applications. Understanding that hardware solutions need to be flexible and configurable, the Von Duprin 98/9952 with 252L trim is designed to meet the very specific needs of these applications.

Engineered to be installed easily, the 98/9952 device can be mounted within the required range by the model codes and accessibility standards, while the 252L trim is mounted at least 54" from finished floor or concrete. Gate poles must have at least 3" stile width by 2" depth for ideal installation.

Compliance

- Listed with UL for panic exit hardware (UL 305)
- Certified to ANSI/BHMA A156.3 Grade 1
- Meets International Building Code for pool enclosures
- Compliant with the 2010 ADA Standards for Accessible Design

Features and benefits

- Patent-pending design built to meet code requirements for pool enclosures
- Ideal for pool gate applications where high pressure bleach concentration is used
- Easy installation and maintenance
- Simple to operate
- UL listed for panic exit hardware (UL305)

Specifications

Device functions	EO, L, L-BE
Dogging	LD – Less dogging
Device lengths	3' , 4'
Center case	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
Mechanism case	2 1/4" x 2 1/4" (57mm x 57mm)
Latch bolt	Deadlocking 3/4" (19mm) throw
Trims	252-L, 252-LBE
Strike	699 roller strike
Finishes	626, 710
Options	WH – Weep holes

Accessories

699 Roller strike

Storm options
WS-T-9827/9927 and WS-T-9857/9957
Multi-point exit devices: certified to ICC-500 (2020)

Overview

The Von Duprin® 98/99 Series exit device is designed to withstand the toughest of environments. In accordance with ICC 500 (2020) standard for wind and storm shelters required by the 2021 International Building Code (IBC 2021), Von Duprin offers a Windstorm Tornado (WS-T) option on multi-point exit devices for single doors or door pairs. The two-point WS-T 98/9927 exit device for door pairs and three-point WS-T 98/9957 exit devices for single doors incorporate reinforced components to help ensure the building and its occupants are kept safe from wind and projectile debris. These devices are third party tested to comply with ICC-500 (2020) standards and FEMA P-361 (2021) guidelines when installed on Steelcraft listed and labeled Tornado Resistant Assemblies.

The ICC500 (2020) standard requires outside levers to be locked and rigid during storm events and unlocked outside levers to have inside lock status indicators. While active L-trim is not available with the WS-T option, mixed-use shelters or safe rooms, such as classrooms, auditoriums, and cafeterias, can utilize Von Duprin security indication options to allow occupants to remain on the secure side of the door while maintaining free egress. Windstorm exit devices can be ordered with double cylinder with security indicator (-2SI), Emergency Secure Lockdown (ESL), and Cylinder Dogging Security Indicator (CDSI) to facilitate ease of the outside lever lockdown from the inside.

Since pioneering the first exit device in 1908, Von Duprin life safety products have provided unparalleled quality, performance and flexibility for schools, hospitals, stadiums and public buildings. These products come with the support and customer care only offered by Von Duprin, providing the confidence and peace of mind at critical moments of life safety.

Features and benefits

- Designed to endure tornado force winds and flying debris
- Uniquely designed center case
- Reinforced top and bottom latch housing with strengthening strap
- Stamped end cap mounting bracket
- Top soffit latch with reinforced ratchet release bracket
- Cast latch covers
- Stronger latch mounting screws
- Thru-bolted attachment points
- Lockdown security indicator options provide peace of mind and timely lockdown of the outside lever during a storm

WS-T-9827/9927 Windstorm ratings

- Flush door pair applications:

  Minimum 6'0" x 6'8" and maximum 8'0" x 8'0" flush Steelcraft Tornado Resistant Pair Assemblies (swinging same direction)
- ICC500 (2020), FEMA P-361 (2021) and International Building Code (IBC 2021) Compliant:
  - Listed and labeled for ICC500 (2020) Standard for the Design and Construction of Storm Shelters.
    - Design pressure +/- 243 PSF
    - 15 pound 2 x 4 at 100 mph
  - Listed for Panic and Fire-Rated Exit Hardware
    - Fire exit hardware listed for 90-minute UL10C for door pairs (swinging same direction)
    - Panic Hardware UL305 listed
  - ANSI/BHMA A156.3 Grade 1
- WS-T-9827/9927 is suitable for use in Enhanced Hurricane Protection Areas. See Allegion-Schlage Lock Company, LLC. Florida product approval FL41734.
- Flush single door applications:

  Minimum 3'0" x 6'8" and maximum 4'0" x 8'0" flush Steelcraft Tornado Resistant Single Door Assemblies

  Flush single door applications:

  Minimum 3'0" x 6'8" and maximum 4'0" x 8'0" Flush Steelcraft Tornado Resistant Single Door Assemblies
- ICC500 (2020), FEMA P-361 (2021) and International Building Code (IBC 2021) Compliant:
  - Listed and labeled for ICC500 (2020) Standard for the Design and Construction of Storm Shelters.
    - Design pressure +/- 252 PSF
    - 15 pound 2 x 4 at 100 mph
  - Listed for panic and fire-rated exit hardware
    - Fire exit hardware listed for 3 hour UL10C (single doors)
    - Panic Hardware UL305 listed
  - ANSI/BHMA A156.3 Grade 1WS-T-9857/9957
- WS-T-9857/9957 is suitable for use in Enhanced Hurricane Protection Areas. See Allegion-Schlage Lock Company, LLC. Florida product approval FL41734.

Note: The Von Duprin WS-T exit device options must be installed on Steelcraft Tornado Resistant Assemblies that are tested to ICC500 and FEMA standards. Tornado assembly components are approved and certified as an assembly and cannot be mixed and matched. These components include the frame, door, hinges, anchors, and latching hardware. Proper installation of tornado doors is critical. It is recommended to have a pre-installation meeting with the contractor, specifier, door supplier, and installer to discuss the installation. Steelcraft Tornado Resistant Assemblies that include glass lights and continuous hinges tested for ICC500 (2020) with WS-T 98/9927 pairs are currently not available. View the Steelcraft Tech Data Manual for the most up-to-date testing and assembly information.

WS-T-9857/9957 Windstorm specifications

Specifications	
Device functions	Device ships EO (Exit only) DT, L-DT, L-BE-2, L-KC
Device lengths	3': 2' 4" to 3' (71mm to 914mm) door size 4': 2' 10" to 4' (864mm to 1219mm) door size
Strikes	Bottom – 304L unfinished
Mechanical options	-2SI - Double cylinder with security indicator CD - Cylinder dogging* CDSI - Cylinder dogging, security indicator LD - Less dogging *WS-T devices with CD/CDSI option must utilize a thumbturn cylinder. A dogging key is not permitted.
Electrical options	LX - Latchbolt monitor switch RX - Push pad monitor switch RX-2 - Double push pad monitor switch SS - Signal switch QEL/ESL - Quiet electric latch/emergency secure lockdown
Fasteners and sex bolts (SNB)	Includes 1-3/4" (44mm) metal doors SNB furnished for top & bottom latches and device (required)
Device centerline from finished floor	39-1/2" (1003mm)
Door undercut	1/4" (7mm)
Center case dimensions	8" x 2-3/4" x 2-3/8"
Mechanism case dimensions	2-1/4" x 2-1/4" (57mm x 57mm)
Top and bottom latch case	4-1/2" x 2-1/2" x 1-7/8" (114mm x 64mm x 48mm)
Vertical rods	1/2" (13mm) round tubing, standard rods accommodate 7' (2134mm) doors Top rod length is 36-1/4" (921mm) Bottom rod length is 31-3/4" (806mm)
Projection	Pushbar neutral – 3-13/16" (97mm) Pushbar depressed – 3-1/16" (78mm)
Finishes	605, 606, 612, 625, 626, 628, 710, 711, 629

Mechanical options

Trim guide

Trim function	Exit only (EO)	Dummy trim (DT)	Dummy trim, less control (DT)	Lever - Key capture (L-KC)	Lever - Blank escutcheon (L-BE)-2/-2SI option	Lever - Dummy trim (L-DT)	Lever - Dummy trim (L-DT) less control
Product description	WS-T-9927-EO WS-T-9827-EO WS-T-9957-EO WS-T-9857-EO	WS-T-9927-DT WS-T-9827-DT WS-T-9957-DT WS-T-9857-DT	WS-T-9927-DT-less control WS-T-9827-DT-less control WS-T-9957-DT-less control WS-T-9857-DT-less control	WS-T-9927-L-KC WS-T-9827-L-KC WS-T-9957-L-KC WS-T-9857-L-KC	WS-T-9927-L-BE-2SI WS-T-9827-L-BE-2SI WS-T-9957-L-BE-2SI WS-T-9957-L-BE-2SI	WS-T-9927-L-DT WS-T-9827-L-DT WS-T-9957-L-DT WS-T-9857-L-DT	WS-T-9927-L-DT-less control WS-T-9827-L-DT-less control WS-T-9957-L-DT-less control WS-T-9857-L-DT-less control
Supplied trim	None	377T-KC x 990DT	990DT	996L-KC	377T-KC x 996-2	377T-KC x 996L-DT	996L-DT
Projection		2" (51 mm)	2" (51 mm)	2 7/8" (73mm)	2 7/8" (73mm)	2 7/8" (73mm)	2 7/8" (73mm)
ANSI function	1	12	2	9	12, 14	12	2
Cylinder type		1 1/4" (32mm) mortise		Rim			
Notes					12/14 changes ansi function based on the -2SI setting. "12" if "locked" state and "14" if unlocked state	NL-DT will not have a key cylinder hole in this application	L-DT will not have a key cylinder hole in this application

Compliant WS-T trim choices

ICC 500 - 2020 requires the exterior lever to be locked or rigid during a storm. The 996L-Trim option is not available with the WS-T option due to this requirement.

The following three Von Duprin trim options allow for day-to-day unlocked outside trim and enable a lockdown functionality with indication, providing ICC 500 - 2020 compliance.

Option 1: You require an exterior lever that remains unlocked/active until lockdown and always latches

Option	Inside cylinder	Trim	Function
Double Cylinder with Security Indicator (-2SI)	Keyed or thumbturn	996	L-BE
		and	
		377	T-KC

In a storm event, a user can see the lock's status via the indicator to quickly determine if the door needs to be locked, which is done via thumbturn or key. A key can be used to enter from the outside during lockdown. The door returns to a locked state as soon as the key is removed.

Option 2: You require access control to retract the latch when a credential is presented until lockdown

Option	Inside cylinder	Trim	Function
Quiet electronic latch retraction (QEL) with emergency secure lockdown (ESL)	Keyed or thumbturn	996	L-KC
		or	
		377	T-KC

In a storm event, the user engages the thumbturn which prompts ESL to interrupt power to QEL motor, disabling card access and electronic dogging. A key can be used to enter from the outside during lockdown. The door returns to a locked state as soon as the key is removed.

Option 3: You require an exterior lever that is always locked but want the ability to mechanically undog the door until lockdown. (Opening must be non-fire rated.)

Option	Inside cylinder	Trim	Function
Cylinder dogging security indication (CDSI)	Thumbturn only	996	L-KC

In a storm event, the user can quickly see the latch's status via the indicator to see if the push pad is undogged or dogged. If undogged, the user twists the thumbturn to dog the door. A key can be used to enter from the outside during lockdown. The door returns to a locked state as soon as the key is removed.

Note: 377T-KC is not ADA compliant

The following Von Duprin trim options allow for fixed outside trim, providing ICC 500 - 2020 compliance:

Option 4: You require an exterior that is exit only

Option	Inside cylinder	Trim	Function
Exit only	NA	NA	EO

There is no exterior lever, so no action is needed during storm event.

Option 5: You require trim that is always locked and requires key for entry

Option	Inside cylinder	Trim	Function
Always locked	NA	996	L-KC

Exterior is always locked and can only be operated with use of mechanical key. No action is needed during storm event.

To support ADA compliance, extended latch guards for rods are recommended (WS-LGO-3 and WS-LGO-4) but they are not required for ICC 500 compliance.

Storm options

Hurricane rated exit devices and mullions

Hurricane resistant openings are designed to withstand storm conditions for long periods of time while maintaining the structural and functional integrity of the opening. The primary purpose is to not only prevent debris and wind from penetrating the assembly but also to maintain functionality after the storm.

Hurricane codes and applications

Florida was the first state to develop hurricane codes. As a result, the requirements set by the Florida Building Code (FBC) may be adopted by jurisdictions in other states where hurricane protection is a necessity. The appropriate hurricane solution depends on the specific requirements for the application. Contact your local Allegion representative for the specific requirements in your state.

Hurricane rated devices

Wind and Impact

FBC TAS 201, 202, 203
[Wind and Impact zone (HVHZ) ASTM E1886, ASTM E1996, ASTM E330]
Exterior door assemblies certified for installation within the Florida High Velocity Hurricane Zone (coastal region of the state) are subject to specific tests for both wind speed and flying debris called out in the TAS protocols of the Florida Building Code. Impact, structural, and cyclic tests must be conducted on full assemblies (e.g., exit device and door) as part of the standard.

Wind-Only

ANSI-ASTM E330 [Wind-Only (non-impact zone)]
Exterior door assemblies certified for installation in non-impact regions (typically inland regions) are tested for structural integrity in accordance with ASTM E330 for wind-only applications. These doors are subject to a structural test load equal to 1.5 times their actual design pressure rating, and they must remain operable with no breakage of glazing panels.

To order, specify:

1. Use prefix “HH” for wind and impact or “HW” for wind-only. If application is unknown, specify HH device, which will satisfy both applications.
2. Model number and description
3. Door mode: SGL (single) or PR (pair)

   Example: CD HH99NL 3’ 626 PR

Note: Many hurricane rated devices use standard device components. Devices will be furnished with the proper strikes and components if HH or HW is specified. All HH devices will include through bolts. Pricing will be adjusted accordingly. See Von Duprin price book for details.

Hurricane rated mullions

Wind and Impact

- Designed for use with these HH (Wind and Impact) rated devices:
  - HH98/99 (specify devices with 499F strikes)
  - HH98/9957 (specify devices with 499F strikes)
  - HH-XP98/99 (specify devices with 909 or 954 strikes)
- Steel mullion
- Furnished for 8’ doors; cut in field as needed
- No KR or electrified options available
- Furnished blank (no strike prep)
- Mullion tube and fittings are unique from are not interchangeable with 9954

Panic and fire-rated applications

- HH9954

To order, specify:

1. HH9954 x Finish (689 or 695)

Wind-Only

- Designed for use with HW (Wind-Only) rated devices
- Identical to standard mullions, except for hurricane rated bottom fitting mounting hardware

Panic applications

- Steel - 1654, 4954, 4954-XP
- Aluminum - 5654, 5654-XP, 5754

Fire-rated applications

- 9954, 9954-XP

To order, specify:

1. Use KR if keyed removable option is desired (steel mullions)
2. HW
3. Model number
4. Height of opening
5. Finish
6. Strikes, when required, should be ordered with device

   Example: KR-HW9954 7’ 689

Disclaimer: Hurricane rated exit devices for use when paired with Allegion approved doors.

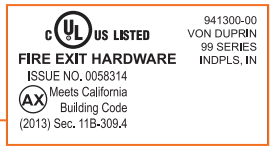
Application	Model	Single door	Double door	
		Standard strike	Mullion	Standard strike
HH (Wind and Impact Rated) All impact rated devices require mounting with through bolts	98/99	299F	HH9954	499F
	98-F/99-F	299F	HH9954	499F
	XP98/99	909	HH9954	909
	XP98-F/99-F	909	HH9954	954
	9827/9927	Top: 299F Bottom: 304L	-	Top: 299F Bottom: 304L
	9827-F/9927-F	-	-	Top: 299F Bottom: 304L
	HH9847/9947*	Top: 338 Bottom: 304L	-	Top: 338 Bottom: 304L
	9847-F/9947-F	-	-	Top: 338 Bottom: 304L
	9849/9949	Top: 249 Bottom: 349	-	Top: 249 Bottom: 349
	9849-F/9949-F	-	-	Top: 249 Bottom: 349
	9857/9957	Top: 299F Middle: 299F Bottom: 304L	HH9954	Top: 299F Middle: 499F Bottom: 304L
	9857-F/9957-F	Top: 299F Middle: 299F Bottom: 304L	HH9954	Top: 299F Middle: 499F Bottom: 304L
	9875/9975	575	-	-
			-	-
	9875-F/9975-F	575	-	-
HW (Wind-Only)	98/99	299	4954 or KR4954	299
			1654 or KR1654	1606
			5654	299
			5754	1408
	98-F/99-F	299F	9954 or KR9954	499F
	XP98/99	909	4954XP or KR4954XP	909
			5654XP	909
	XP98-F/99-F	909	9954XP or KR9954XP	954
	9827/9927	Top: 299 Bottom: 304L	-	Top: 299 Bottom: 304L
	9827-F/9927-F	-	-	Top: 299F Bottom: 304L
	9847/9947	Top: 338 Bottom: 304L	-	Top: 338 Bottom: 304L
	9847-F/9947-F	-	-	Top: 338 Bottom: 304L
	9849/9949	Top: 249 Bottom: 349	-	Top: 249 Bottom: 349
	9849-F/9949-F	-	-	Top: 249 Bottom: 349
	9857/9957	Top: 299 Middle: 299 Bottom: 304L	4954 or KR4954	Top: 299 Middle: 299 Bottom: 304L
			1654 or KR1654	Top: 299 Middle: 1606 Bottom: 304L
			5654	Top: 299 Middle: 299 Bottom: 304L
			5754	Top: 299 Middle: 1408 Bottom: 304L
	9857-F/9957-F	Top: 299F Middle: 299F Bottom: 304L	9954 or KR9954	Top: 299F Middle: 499F Bottom: 304L
	9875/9975	575	-	-
	9875-F/9975-F	575	-	-

* HH98/9947 is furnished with double latch brackets and requires template #10319.

Accessibility options

Accessible device (AX)

The AX device is a UL certified exit device designed to meet the progressive requirements of the California Building Code for accessible openings. This device meets the 5 lbs of operating force requirement called for in chapter 11B-309.4. The AX device also exceeds ANSI/BHMA requirements. Available devices include: AX98/99, AX98/99-F, AX98/9927LBR, AX98/9927-F LBR, AX98/9949LBL, AX98/9949-FLBL, AX98/9949-F LBLAFL, AX98/9950LBL, AX98/9950-FLBL. Additionally, all AX devices will be shipped with a new UL label clearly stating “Meets California building Code (2013) Sec. 11B-309.4” and an “AX” identifier label on device center case. See images for reference.



AX option is not available on 2' exit devices. (SVR/CVR/CVC only, R & M not available in 2' sizes.)

Latches

Less bottom rod, panic and fire rated (LBR)

LBR option is available on panic-rated devices by eliminating the bottom rod, latch, and strike.

LBR option is available on fire rated devices using a spring-loaded auxiliary latch bolt installed in the lower door edge. When exposed to heat the auxiliary latch bolt releases, keeping the doors in alignment and closed during a fire. UL listed 3 hours on hollow metal doors double egress, 90 minute swinging same direction, and 20 minutes wood doors (consult wood door manufacturer). Fits door stiles as narrow as $3^{5}/_{8}$".

Fire rated LBR devices must be ordered in pairs or must be used in conjunction with an approved automatic or constant latching flush bolt.

Pullman latch (PL)

When PL is specified the standard latches are replaced with pullman style latches. Pullman latches are always extended and are most commonly used in conjunction with electric strikes and LBR-less bottom rod application. Not available with Fire rated devices.

Not recommended where security is of the utmost importance since latches do not deadlock.

Push pads

Dummy push pad

The 330 dummy push pad is designed as a companion unit for all 99 devices. The 350 dummy push pad is a companion unit for all 98 devices. The push pad is rigid or nonfunctioning. A push/pull operation can be accomplished by using 990DT, 996DT trim or any Ives Pull.

The 330/350 can be equipped with a functional push pad and will accommodate an RX or WP-RX switch. Specify RX-330.

May also be equipped with the RX2, double RX switch.

To order, specify:
1. 330 or 350.
2. Size 3' or 4' (914mm or 1219mm)
3. Finish – 605, 606, 612, 625, 626, 628, 710 and 622/711. (630 – 350 only)
4. Specifiy RX, WP-RX or RX-2 if desired.

Safety glow (SG)

Self-illuminating touchpad defines the location of the exit door in dark or smoke-filled area. The safety glow coating is a special powder coat finish that glows brightly during low or no light conditions. This coating was developed to meet MEA standards where luminescent exit door markings are required in commercial facilities. There are no batteries or electronics, the coating is charged when exposed to light.

To order, specify: Suffix SG, EL 9927L-SG

Red silk screen (RSS)

Red silkscreen lettering on touchpad trim - "Emergency Exit Only, Push To Open And Sound Alarm". This comes standard on SS devices.

To order, specify: Suffix RSS, 9927L-SS RHR

Braille, embossed and knurled touchpads

* Image shown is a special order.

Braille touchpad embossed with the standard message “CAUTION STAIRWELL” in braille and raised letters provides assistance to persons with impaired vision. Letters are 1/2" (13mm) high and braille is #2, raised height is 3/32" (2mm). Other messages are available, limited to 20 characters per line.* **Order** through specials process.

Embossed touchpad is embossed with the word “PUSH”. **To order, specify:** Suffix EMB, EL9927L-EMB.

Knurled touchpad is to provide warning to persons with impaired vision. **To order, specify:** Suffix PBKN, EL9927L-PBKN.

*Consult factory for availability.

Latch retraction

Quiet electric latch retraction (QEL)

Quiet electric latch retraction (QEL) provides electronic control of an exit device for environments where limited operational noise is desired. These devices always provide mechanical egress. The electrified latch retraction can also be activated by an access system or building automation system to unlatch the exit device momentarily. Often the QEL is used with a credential reader and access control system to unlock the door momentarily for authorized users.

The QEL can also be configured to electronically retract the latch for an extended period of time to allow free entry. This is a convenient alternative to mechanical dogging. If manual dogging is required, the hex dogging option is available, to order specify HD-QEL. Special center case dogging is also available for 98/99 rim and vertical systems, specify SD-QEL.

The standard default QEL feature will retract the latch bolt and pushpad. If an active pushpad is required utilize the QEL-L option. This option will retract the latch bolt and maintain an active pushpad.

In some applications an audible indication of pushpad retraction is desired. The QEL-B (B-buzzer) option is a feature that can be added as a retrofit to a QEL device in the field that will send an audible notification of initial latchbolt retraction.

The QEL option is available on panic devices and fire rated devices. UL approved for Class II circuit applications.

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS902 or 914 power supply.

The PS902/914 with the 2RS, 4RL or 4R board is the minimum required. Other option boards available for other functions, see PS902/914 power supply for additional information.

The QEL has a low inrush current, so it can be used with standard Schlage power supplies. Calculate the peak current draw of all devices in the system to determine the required amperage of the supply.

The -2RS option board is designed to control two electric latch retraction devices and provide time delay between the firing of outputs is required. The power transfer is also sold separately.

To order, specify:

1. Standard — use prefix QEL, example QEL99L.
2. Special center case dogging — use prefix SD-QEL, example SD-QEL99L

Note: Baseplate and modular QEL Conversion kits are available for field retrofit. Please see parts/service manual for part numbers.

Schlage PS902	Schlage PS904	Schlage PS906
Up to 2 amps	Up to 4 amps	Up to 6 amps

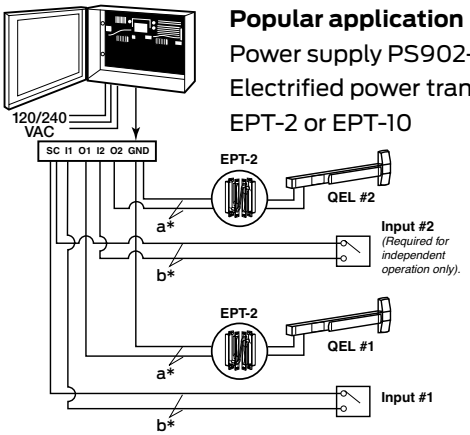
QEL electrical load

Voltage	24VDC
Current	1.0 A Inrush (0.5 sec.) / 0.14 A Holding

Minimum door opening widths*

Application	Surface vertical	Concealed vertical	Mortise	Rim
Min. door opening	28 1/4"	28 1/4"	28 3/4"	29 1/4"

* For 3' devices. For 4' devices, add 6".



Popular application
Power supply PS902-2RS
Electrified power transfer
EPT-2 or EPT-10

a*

Distance (one-way)	Wire gauge
200 '	18 AWG
320 '	16 AWG
500 '	14 AWG
800 '	12 AWG

b*

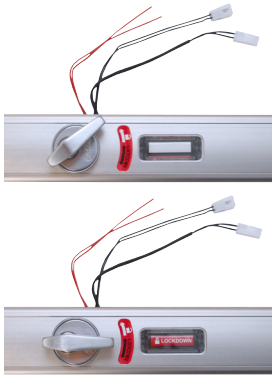
Wire selection	Switch wire size
1200 ft. Max.	18 gauge standard

Latch retraction

Emergency secure lockdown (ESL)

The emergency secure lockdown (ESL) option is ideal for high-occupancy spaces, such as auditorium-style classrooms with access control

Occupants can turn the thumb turn (or cylinder key) of the ESL option installed, interrupting the power to the QEL motor, and electronically undogging to secure pull side of the door as well as sends a signal to the access control system. The visual indication assures the occupant the exit device has been put into secure lockdown mode.



To order, specify:

1. Suffix: ESL Emergency secure lockdown.
2. Specify device type and length with the ESL option.

Specify handing and finish

Note: ESL requires PS902-4R for single door (add -FA if fire rated), or PS904-4R-4R for double door (add FA to both -4R boards if fire rated).

QEL minimum door widths				
	SVR	CVR/CVC	MOR	RIM
98/99 3'	28-1/4"	28-1/4"	28-3/4"	29-1/4"
98/99 4'	34-1/4"	34-1/4"	34-3/4"	35-1/4"
33A/35A 3'	28-1/4"	25-1/4"	x	29-1/4"
33A/35A 4'	34-1/4"	34-1/4"	x	35-1/4"

QEL and ESL minimum door widths				
	SVR	CVR/CVC	MOR	RIM
98/99 3'	36"	36"	36"	36"
98/99 4'	42"	42"	42-1/2"	43"
33A/35A 3'	36"	36"	x	36"
33A/35A 4'	42"	42"	x	43"

Delayed/controlled egress

The Chexit® (CX) (with motor driven blocking actuator)*

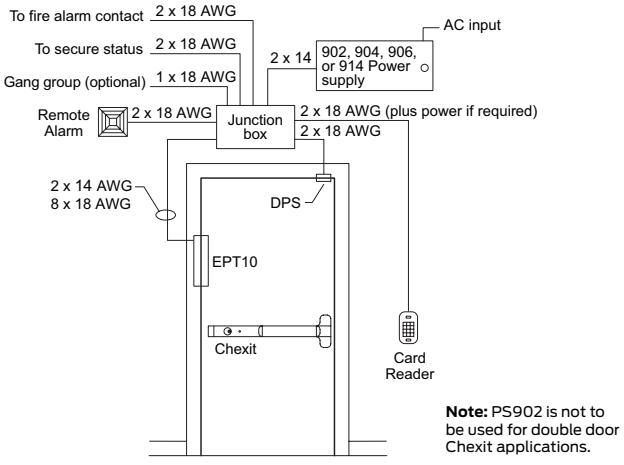
The Von Duprin Chexit device is designed for controlled egress applications. It meets both life safety and security needs, as well as the requirements of NFPA 101 for "Special Locking Arrangement" and IBC "Special Egress-Control Devices". All control inputs, auxiliary locking, local alarm and remote signaling outputs are self-contained in the Chexit assembly. Numerous configurable options allow the device to be customized for the specific code or application requirements. The standard Chexit device sounds an alarm and keeps the door secured for 15 seconds following an exit attempt with immediate release upon fire.

The Chexit device includes a 6" x 20" decal for application on door. "PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS"

Chexit typical applications

Chexit single door with options – The Chexit is used as an access control device. The card reader allows access. Also shown in this application is an external horn and door position switch. The auxiliary horn is used for increased volume in remote locations. Using a door position switch gives added security to the opening in case the door is not reclosed.

With the Chexit disarmed, the opening functions as a normal exit device. If card readers are required on both sides of the door, the normally closed contacts of the readers should be wired in series.



Note: PS902 is not to be used for double door Chexit applications.

Figure 1. Riser diagram, single door

Minimum door opening sizes for CX devices

(Consult factory for other size requirements)

Device	3' (914mm) Length	4' (1219mm) Length
CX98/98-F/99/99-F	2'10 3/4" (883mm)	3'4 3/4" (1035mm)
CX-XP98/XP98-F/XP99/XP99-F	2'10 3/4" (883mm)	3'4 3/4" (1035mm)
CX9827/9827-F/9927/9927-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9847/9847-F/9947/9947-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9848/9848-F/9948/9948-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9849/9849-F/9949/9949-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9850/9850WDC-F/ 9950/9950WDC-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9857/9857-F/9957/9957-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9875/9875-F/9975/9975-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)

Specifications / Power supply requirements[1]

Input voltage – 24VDC
Input current inrush – 1.25A
Input current holding – 390mA
Alarm relay and secure relay contact ratings – 24VDC, 1A
Fire alarm, Inhibit and door position switch inputs require normally closed dry contacts.

Power supply information for CX devices with motor driven blocking actuator[1]

Power supply	Maximum number of devices
PS902 (up to 2 amps)	1 Chexit device
PS904 (up to 4 amps)	3 Chexit devices
PS906 (up to 6 amps)	4 Chexit devices
PS914 (up to 4 amps)	4 Chexit devices

Note: When powering multiple components, verify that the amperage requirements of all components combined does not exceed the power supply output rating, see table above for output ratings. Consult Installation Instructions for proper wire gauge and wire run requirements. Exceeding the recommended devices and/or not following Installation Instructions may void your warranty. Call Customer Care at 877-671-7011 or visit the Allegion website for more information - www.us.allegion.com.

To order, specify:

1. Prefix product description number "CX". Example: CX99L
2. Specify option (see options on page 53). Example: CX-RCM or CD-CX
3. Door size other than 3' (914mm).
4. Door thickness other than 1 3/4" (45mm).
5. Finish.
6. Handing, LHR or RHR. Required with "CD" option.

1. Chexit devices built after August 24, 2015 are built using motor driven blocking actuators that have decreased power supply and operating requirements. The information listed in this catalog references the power supply and operating requirements that are needed for the new products with motor driven blocking actuators. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

Delayed/controlled egress

Chexit, RCM and DE5300 features

The Chexit, remote chexit module (RCM) or DE5300 devices have several features and options available to fit your applications. See below for more information.

Inputs and outputs

Fire alarm input
This input releases the door immediately upon a fire alarm allowing immediate egress. The internal alarm can be silenced during a fire input via an onboard switch setting.

Inhibit input (access control)
This optional input is provided to allow authorized egress or entry when the device is armed using an external card reader, key switch, etc. It also allows remote reset of the Chexit, RCM or DE5300 in an alarmed condition. The ability to reset alarms with the inhibit input can be disabled via an onboard switch setting.

Door position switch input
An optional door position switch (DPS) can provide door position status to Chexit, RCM or DE5300 for additional security, ensuring that the door is closed, and can cause alarm when the door is left or forced open.

Gang bus
The gang bus allows a Chexit, RCM or DE5300 device to signal other Chexit, RCM or DE5300 devices when it enters the release delay, allowing multiple doors to release at the same time in an emergency. Up to 8 devices may be connected to the gang bus.

Alarm relay contacts
The alarm relay contacts are provided as a means to control a remote alarm, such as a horn or lamp, or signal an external monitor. The contacts can be configured with a jumper as normally open or normally closed, and become active upon entering an alarmed condition.

Secure relay contacts
The secure relay contacts are provided as a means to signal an external monitor. The contacts can be configured as normally open or normally closed with a jumper, and become active when the dps indicates the door is closed and the push pad is locked.

Delays

Release delay
When the push pad is pushed and the nuisance delay expires, the Chexit, RCM or DE5300 enters the release delay with alarm. During the release delay, the internal alarm sounds, the alarm relay activates, and the Chexit/RCM keeps the push pad or DE5300 magnetic lock, locked for 15 seconds (less any time already elapsed during the nuisance delay). Once started, the release delay sequence will not stop and the devices will unlock.

Nuisance delay
When a Chexit, RCM or DE5300 is located in a public area, it can be desirable to limit false releases when the push pad is accidently pushed. The nuisance delay is the brief time a push pad can be accidently pushed before the release delay sequence starts. If the nuisance time is set to 0 seconds the Chexit, RCM or DE5300 will enter release delay as soon as the push pad is pushed (when armed). Setting the nuisance time to 1, 2, or 3 seconds allows the push pad to be pressed for 1 to 3 seconds before the Chexit, RCM or DE5300 goes into release delay. If the nuisance audio and nuisance delay are both on, the internal alarm will pulse during the nuisance delay. The alarm relay does not activate during the nuisance delay. If the push pad is released before the nuisance delay expires, the Chexit, RCM or DE5300 will remain armed.

Rearm delay
The rearm delay is the amount of time after the key switch or inhibit input is deactivated to when the device rearms. It is designed to give someone time to pass through the door before rearming occurs. The rearm time can be changed via the onboard switch settings from 0 and 28 seconds in 2 second increments. If the rearm time is set to 30 seconds and a DPS is used, if the door is opened and the rearm time expires, there will be no alarm. The Chexit, RCM or DE5300 will rearm after the door is closed. If the door never opens, the Chexit, RCM or DE5300 will rearm after 30 seconds. If not using a DPS, the Chexit, RCM or DE5300 will always rearm in 30 seconds.

DPS delay
If the DPS detects that the door closed during the rearm delay, the Chexit, RCM or DE5300 ends the rearm delay and allows 2 seconds for the latch to clear the strike before rearming.

Delayed/controlled egress

Interface

Key switch

The Key Switch provides the means to Arm or Disarm/Reset the Chexit, RCM or DE5300. Turning the Key Switch clockwise initiates the Rearm Delay, and turning the Key Switch counter-clockwise Disarms/Resets the Chexit, RCM or DE5300. The Key Switch allows the key to be removed in either the Arm or the Disarm/Reset position.

Status indicator

The red Status Indicator displays the status of the Chexit, RCM or DE5300. The Status Indicator flashes slow if the Chexit, RCM or DE5300 is armed, flashes fast in an alarmed mode, is off when inhibited and on solid during Rearm Delay.

Internal alarm

The Internal Alarm sounds the status of the Chexit, RCM or DE5300. The Internal Alarm sounds continuously during and after a fire alarm or a Release Delay, pulses fast during the Nuisance Delay or a tamper and pulses slow during Disarmed Powerup mode.

Settings

Armed powerup

When set to OFF, a power disruption and power return will put the Chexit, RCM or DE5300 in a disarmed, unlocked alarm mode.

Trim fail safe / fail secure (FS/FSE)

The trim input power can be set to FS (Fail Safe; locked when energized, unlocked when deenergized or during power failure) or FSE (Fail Secure; unlocked when energized, locked when deenergized or during power failure).

The trim must be bought or modified to physically function as FS or FSE. This on board setting only selects the trim input power.

Trim operation overview

Rim and vertical application: Trim will not function when Chexit is armed.
Mortise application: Trim will function when Chexit is armed.

Chexit requiring pull side operation

	Mechanical trim	Electric Trim
Rim and vertical	Access control disarms Chexit. Rotate lever to enter.	Access control disarms Chexit and unlocks electric trim. Rotate lever to enter.[1]
Mortise	a) Use key to unlock lever. Rotate lever to enter.[2] b) Use RX996L-M to disarm Chexit. Rotate lever to enter.[3]	Access control disarms Chexit and unlocks electric trim or electric mortise lock. Rotate lever to enter.

1. Fail Secure Trim recommended. For Fail Safe applications, contact technical support to review application.
2. Do not use Door Position Switch with Chexit in this application.
3. Allows free ingress at all times.

Delayed/controlled egress

Remote Chexit Module (RCM)

Designed to provide the concept of the Chexit delayed exit system for door sizes smaller than the standard Chexit device can accommodate. The Chexit module is installed in a control box and mounted in a remote location. Features and functions of the standard Chexit exit device are available on the Remote Chexit Module.

RCM Module

Minimum door opening sizes for RCM devices

(Consult factory for other size requirements)

Device	3' (914mm) Length	4' (1219mm) Length
CX-RCM 98/98-F/99/99-F	2'6" (762 mm)	2' 11-15/16" (912 mm)
CX-RCM XP98/XP98-F/XP99/XP99-F	2'6" (762 mm)	2' 11-15/16" (912 mm)
CX-RCM 9827/9827-F/9927/9927-F	2'5-7/16" (747 mm)	2' 11-3/8" (898 mm)
CX-RCM 9847/9847-F/9947/9947-F	2'5-7/16" (747 mm)	2' 11-3/8" (898 mm)
CX-RCM 9848/9848-F/9948/9948-F	2'6" (762 mm)	2' 11-15/16" (912 mm)
CX-RCM 9849/9849-F/9949/9949-F	2'5-7/16" (747 mm)	2' 11-3/8" (898 mm)
CX-RCM 9850/9850WDC-F/9950/9950WDC-F	2'6" (762 mm)	2' 11-15/16" (912 mm)
CX-RCM 9857/9857-F/9957/9957-F	2' 5-7/8" (758 mm)	2' 11-7/8" (911 mm)
CX-RCM 9875/9875-F/9975/9975-F	2'6" (762 mm)	2' 11-15/16" (912 mm)

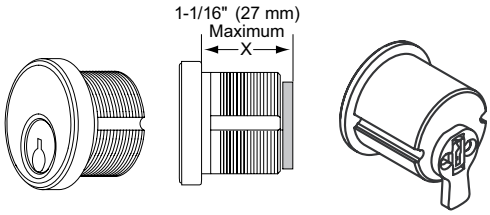
Specifications / Power supply requirements*
Size – 3.75" x 5.57" x 2.50"
Input voltage – 24VDC
Input current inrush – 1.25A
Input current holding – 390mA
Alarm relay and Secure relay contact ratings – 24VDC, 1A
Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

*RCM modules built after August 24, 2015 are built using motor driven blocking actuators that have decreased power supply and operating requirements.

Note: The information listed in this catalog references the power supply and operating requirements that are needed for the new products with motor driven blocking actuators. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

Cylinder dogging (CD)

Special center case cylinder dogging option is available to allow push/pull operation of the Chexit, when disarmed and used in a heavy traffic area. Prefix device with “CD” and specify handing.



Cylinders

Cylinders are not furnished with the Chexit device and must be specified when ordering. Use 1 1/4" mortise cylinder with compression ring 36-083 with straight cam and orient cam as shown. Schlage cylinder 20-001-114 recommended for the device and the CD cylinder dogging option. See Schlage Price book for additional information.

To order, specify*:

See Chexit "How to order" on page 52.

Delayed/controlled egress

DE5300 system

Designed for controlled egress applications when used in conjunction with a magnetic lock. It meets both life safety and security needs, as well as the requirements of NFPA for "Special Locking Arrangement" and IBC "Special Egress-Control Devices". All control units, auxiliary locking, local alarm and remote signaling outputs are self-contained in the DE5300 assembly.

DE5300 Module

The DE5300 is commonly used on narrow stile doors where a standard or narrow stile Chexit is not practical. DE5300 Delayed Exit System uses a Chexit logic board and a Von Duprin RX-LC (low current request to exit) panic device to control a Schlage Electronics Direct Hold Magnetic Lock.

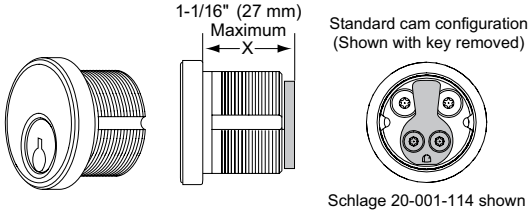
The Chexit module for the DE5300 is installed in a control box and mounted in the wall adjacent to the door. Features and functions of the standard Chexit exit device are available on the DE5300.

The DE5300 device includes a 6" x 20" decal for application on door.

“PUSH UNTIL ALARM SOUNDS.
DOOR CAN BE OPENED IN 15 SECONDS”

Cylinders

Cylinders are not furnished with the DE5300 and must be specified when ordering. Use 1 1/4" mortise cylinder with compression ring 36-083 with straight cam and orient cam as shown. Schlage cylinder 20-001-114 recommended for the device and the CD cylinder dogging option. See Schlage Price book for additional information.



Schlage 20-001-114 shown

Specifications / Power supply requirements
Size - 3.75" x 5.57" x 2.50"
Input voltage – 24VDC
Input current – 1A
Alarm relay and Secure relay contact ratings – 24VDC, 1A
Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

To order, specify:

1. DE5300
2. M420/P, M450/P, or M490/P magnetic lock (order direct from Schlage Electronics).
3. RX-LC 22/33A/35A/98/99 device.
4. PS900 Series
5. EPT-2/10

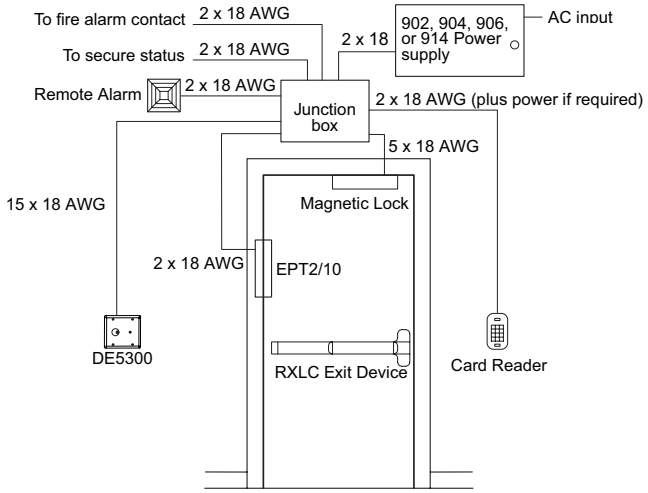


Figure 1. Riser diagram, single door

Switches

Request to exit (RX)

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the push pad. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply. The RX switch option should not be used to control a load, but as a signalling switch (2 amps resisitive maximum). The RX switch is available in a low current (LC) 50ma max. Most commonly used to signal low-current access control inputs.

To order, specify:

- Standard – use prefix RX, example RX99EO
- Low Current – use prefix RX-LC, example RX-LC98EO

Double request to exit (RX2)

The RX2 feature uses two RX switches.

To order, specify:

- Standard – Use prefix RX2, example RX299EO

Waterproof request to exit (WP-RX)

- Switch rated to IP67 – protected from contact with harmful dust and from immersion in water with a depth of up to 1 meter (3.3 feet) for up to 30 minutes

Note: All in-field electrical connections should be in compliance with IP67 to ensure trouble free operation.

Latch bolt monitoring (LX)

The LX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latch bolt.

The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

The LX switch option should not be used to control a load, but as a signalling switch (2 amps resistive maximum).

The LX switch is available in a low current (LC) switch. Most commonly used in computer operated monitoring systems.

To order, specify:

- Standard – Use prefix LX, example LX99EO
- Low Current – Use prefix LX-LC, example LX-LC98EO

Electrical rating for all switches

- Standard – 2 amp maximum @ 24VDC
- Low Current (LC) - below 50 Milliamps @ 24VDC

Note: All switches can be either factory or field installed

Signal switch (SS)

Monitors push pad and latch bolt. The SS feature is used to signal the unauthorized use of an opening. This device is equipped with two internal SPDT switches. One switch monitors both the push pad and the latch bolt assembly, making the latch bolt tamper resistant, for positive security. An additional SPDT switch is connected to the 1 1/4" (32mm) mortise cylinder with straight cam for alarm "bypass." (Schlage cam reference L583-477). The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

Push pad reads: "Emergency Exit ONLY – Push To Open And Sound Alarm." Push pad is only available in US32D finish with red silk-screened lettering.

The SS mortise lock device is furnished with both the signal switch device and the SS7500 mortise lock. The SS7500 mortise lock has the versatility and advantages of the 7500 lock with the addition of signalling functions to monitor latch bolt operation and the trim locking function.

To order, specify:

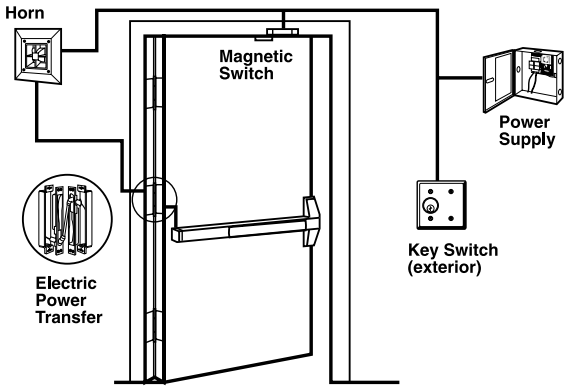
- Prefix SS, example SS99L.
- Handing required, LHR or RHR.

Electrical ratings

- Up to 2.0 amps @ 24VDC

Popular SS application

Unauthorized use of this opening will activate the local horn. The key switch permits inhibiting this system for authorized entry.



Remote monitoring and remote undogging

Remote monitoring

Remote monitoring, RM, provides visibility to request to exit (RX), latch bolt monitor (LX) and door position switch (DPS). RM is available as a modular kit that can be added to any existing Von Duprin 98/99 or 33A/35A series device. RM provides power source flexibility and can be battery powered or has the ability to be hard-wired.

For customers desiring real time monitoring, RM is designed to connect to Allegion's Software Alliance Members via IP. The RM can also be used with RSI connection to the ENGAGE™ gateway for daily schedule reporting. For more information about RM system capabilities and compatibilities, contact your local electronic sales engineer.

Remote undogging

Remote undogging, RU, option is a battery powered wireless solution that enables remote undogging and door status monitoring. The door status monitoring provides visibility to request to exit (RX), latch bolt monitor (LX) and door position switch (DPS). It enhances perimeter security by providing electronic override of mechanical dogging for emergency facility lockdown. RU provides power source flexibility and can be battery powered or has the ability to be hard-wired.

RU is available as a modular kit that can be added to any existing Von Duprin 98/99 or 33A/35A Series device. For customers desiring real time lockdown and monitoring, RU is designed to connect to Allegion's Software Alliance Members via IP. The RU can also be used with RSI connection to the ENGAGE™ gateway for daily schedule reporting. For more information about RU system capabilities and compatibilities, contact your local electronic sales engineer.

Alarm kit

Alarm kit (ALK) is a simple yet effective way to deter unauthorized use of an opening. While the exit device is still a means of egress, the ALK kit contains an internal horn. When the touch bar is depressed, the horn sounds to provide an audible means of signaling that the opening has been violated. The alarm kit can be armed or disarmed by key thus allowing the exit device to be set in an armed or disarmed mode. The horn is rated at 85 decibels.

The assembly includes both a 24VDC Input and External Inhibit standard. The External Inhibit provides remote arming and dis-arming.

The key switch uses a standard 1 1/4" (32mm) mortise cylinder with a straight cam (Schlage 20-001, L583-477 cam). The unit operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal.

Auto reset (AR) is a standard feature for this option. This kit allows the device to resume the alarm option after a preset time. Preset times can be field selected at 1.5, 3, or 4.5 minutes.

Alarm kits are available with a choice of two switch kits, RX or LX. RX monitors the touchpad and is furnished standard. LX optional latch bolt monitoring is recommended for use with surface vertical rod exit devices or when alarm needs to sound from both the exit device and trim side of the door. Specify ALK-LX.

The ALK is available in two styles, 99ALK, grooved cover and 98ALK, smooth cover.

The ALK includes a 6" x 20" decal for application on door "EMERGENCY EXIT ONLY. ALARM WILL SOUND." RSS push bar trim can be used instead of the door decal, specify RSS push bar trim when ordering the device.

When the ALK is used, standard dogging is removed. If cylinder dogging is required, there are two choices. Special center case dogging (SD) is available. Or, as an engineered special, the ALK can be moved to the hinge side of the device, and standard cylinder dogging (CD) can be added. Note size restrictions on the following page.

To order, specify:

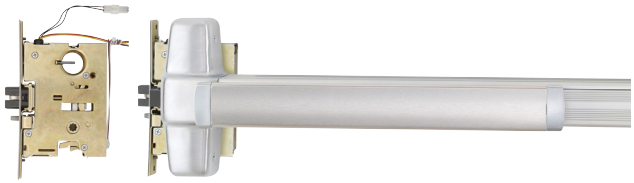
1. Standard, 98 ALK
2. Special center case dogging, SD98 ALK
3. Cylinder dogging, CD98 ALK

Note: For latch bolt monitoring on a 98/9975 with ALK, specify a SS7500 lock. LX switch not available for 98/9975 devices.

Minimum door opening sizes on ALK applications

Device	3' (914mm) Length	4' (1219mm) Length
98/98-F/99/99-F	2'10" (864mm)	3'4" (1016mm)
9875/9875-F/9975/9975-F	2'10" (864mm)	3'4" (1016mm)
9827/9827-F/9927/9927-F	2'10" (864mm)	3'4" (1016mm)
9857/9857-F/9957/9957-F	2'10" (864mm)	3'4" (1016mm)
9847/9847-F/9947/9947-F	2'9" (838mm)	3'3" (991mm)
9848/9848-F/9948/9948-F	2'9" (838mm)	3'3" (991mm)

Electrified mortise and electrified trim



The electric mortise lock device has all the versatility and advantages of the standard mortise lock device, plus the advantage of being electrically controlled by a remote switching device, an access control system or an automatic fire alarm system. The device features the E7500 mortise lock. The E7500 controls the locking of the outside trim. When unlocked, the door remains latched, preserving the fire rating of the door and making it particularly useful where codes permit locking but require unlocking during a fire emergency. The outside trim cylinder retracts the latch bolt for mechanical override, night latch function. Only available with TP, K or L functions.

The E7500 lock contains a SPDT signal to monitor the outside trim condition (locked or unlocked) and a second SPDT signal switch to monitor the latch bolt.

Standard features

- Field reversible handing
- 24 VDC continuous duty solenoid

Optional features

- Fail safe (locked when energized, unlocked when de-energized or during power failure). Specify with suffix "FS."
- Fail secure (unlocked when energized, locked when de-energized or during power failure). Specify with suffix "FSE"
- 24 VAC (with SO option)*
- 12 VDC
- 12 VAC (with SO option)*

Note: Some Fire codes will require "Fail Safe" (FS) operation for stairwell doors. Be sure to specify the correct operation for your application.

* SO (silence operation) not recommended for continuously-powered devices.

Electrical specifications

- Solenoid — .60 amps @ 12VDC
  .30 amps @ 24VDC
- Each switch — Up to 2.0 amps @ 24VDC Maximum

The E option does not include the power transfer from door to frame, the power supply or the control operator (Refer to EPT-10 and PS902 or PS914 power supply).

To order, specify:

1. Use prefix "E," example E9975
2. FS or FSE (Product is not able to be changed in the field)
3. Voltage

Electric mortise lock device

Adaptable for openings where continuous latching is required while the trim may be electrically locked or unlocked from a remote location—stairwells, exterior doors, etc.

Minimum system requirements

- PS902
- EPT-10 or electric hinge

M996L/L-BE Motor driven electrified trim

M996L/L-BE motor driven electrified breakaway lever trim provides remote locking and unlocking capabilities while incorporating the patented vandal-resistant trim design. The motor can be energized from a distant controller, thus allowing access control of the opening. The control of stairwells in high-rise buildings is a common application for this trim. M996 is furnished fail safe (FS) and convertible to fail secure (FSE) via dip switch. The M996 key bypass options are M996L (key functions as night latch mechanical override) or M996L-BE (no key override, blank escutcheon).

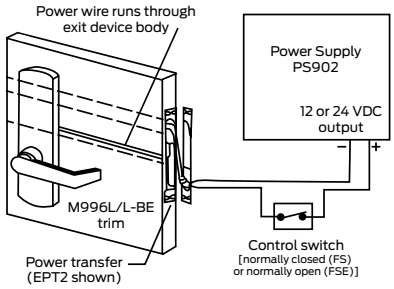
Specification

Dual voltage – up to 1.12 amps @ 12 VDC,
Up to .59 amps @ 24 VDC.

M996L/L-BE Motor driven electrified trim

To order, specify:

1. Use “M” prefix, example M996L.
2. Device type, R/V (rim/surface or concealed vertical
3. rod/cable) or M (mortise)
4. FS or FSE
5. Lever style (06 lever is furnished standard) Other levers, no extra charge.
6. Handing and finish
7. Allegion Connect specify CON



Power supplies

PS900 Series power supplies

The PS900 Series is a consolidated line of power supplies and accessories that offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 Series can be used in a variety of applications to convert high voltage AC power into the regulated low voltage DC outputs required by most access control devices. The PS900 Series protects devices downstream by providing Class 2[1], filtered and regulated power. The full line is UL294 certified.

Features

- Constant output rating at both 12VDC or 24VDC provides superior performance; includes field selectable jumper
- Flat mounting of option boards provides easier access to terminal blocks for connection of electrified devices
- High voltage protective cover
- Battery back-up board auto-selects voltage
- Fire alarm relay can be configured to provide either switched or un-switched outputs from a power supply
- PS914 designed with high inrush current for powering electrified panic devices
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Fused primary input
- AC status monitor- isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover with lock down screws
- Optional keylock

Certifications

- UL 294 certified—the standard for access control
- Class 2 rated[2]

PS900 Series power supplies

The PS900 Series offers a variety of distribution options, including basic fuse protection, simple relay, and advanced logic providing complex sequencing and timing functions.

Connectors on the power supply

Product	Schlage PS902	Schlage PS904	Schlage PS906	Von Duprin PS914
Amperage	2 amps	4 amps	6 amps	4 amps with 16 amp inrush
Distribution boards	1	2	3	2
Battery back-up board	1	1	1	1

Applications

The PS900 Series of power supplies works with many electrified devices including Schlage electromagnetic locks, Schlage AD Series hardwired locks, Schlage electrified mechanical locks, Von Duprin electrified strikes, Von Duprin exit devices and many other brands.

Accessories

The PS900 Series features seven option boards for use in a variety of applications. All PS900 Series power supplies option boards are UL 294 certified.

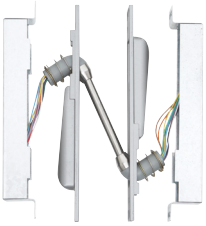
Option boards

- **900-4R:** 4 relay controlled output board to power multiple devices
- **900-4RL:** 4 relay distribution board with logic is field configurable for time delay function, auto operator, security interlock
- **900-8F:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-8P:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection
- **900-FA:** Emergency interface relay integrates with fire alarm and is used to cut power in case of emergency[2]
- **900-BB:** Battery backup
- **900-2RS:** 2 relay control board for electric latch panic devices (EL or QEL), electric strikes or electrified trim
- **900-BBK:** Battery backup kit includes two 7A/hr batteries and provides up to four hours of backup power when cycled every 5 minutes at full load

1. PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.
2. Except PS906, output rating exceeds Class 2 power limits.
3. PS906, output rating exceeds Class 2 power limits, but can provide Class 2 rated outputs when used with 900-8P distribution board.

Electrical and pneumatic power transfers

Electrical power transfer (EPT) Pneumatic transfer (PNT)



Electrical Power Transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideal for installations involving abuse or heavy traffic.

Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires. The EPT-2 and EPT-10 are U/L listed as “miscellaneous door accessory”. UL Listed for use on fire doors.

Door applications

Degree of opening	Hinge type	Door thickness
0-180	Up to 5" butt hinges	1 3/4"
0-180	Up to 3/4" offest pivots	1 3/4"
0-130	5 1/2" butt hinges	1 3/4"
0-110	6" butt hinges	1 3/4"
0-90	Swing clear hinges	1 3/4"

Finishes

- 622 - Powder coated matte black
- 689 - Powder coated aluminum
- 695 - Powder coated bronze

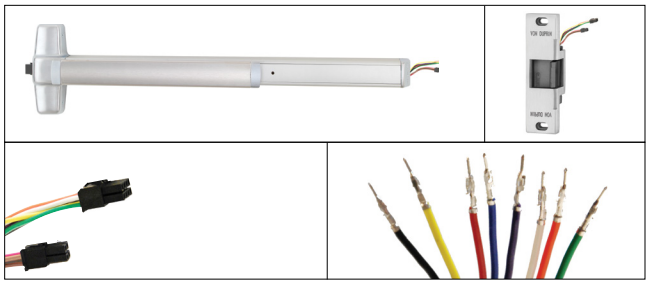
Dimensions

Housing	9" x 1 1/4" x 1 5/8" (229mm x 32mm x 38mm)
EPT-2	Two 18 gauge wires, up to 2 amps @ 24VDC, with a 16 amps maximum surge
EPT-10	Ten 24 gauge wires, up to 1 amps @ 24VDC, with a 16 amps maximum surge
PNT-1	5/32" Tubing

To order, specify:

1. EPT-2 ,EPT-10 or PNT-1
2. Finish, 622, 689, 695

Allegion Connect



Allegion Connect features common interconnect components for many cross-category electrified options. Allegion Connect is a quick and easy way to connect power sources. There is no wire cutting; reducing installation and maintenance time ultimately cutting cost. After installation, Allegion Connect continues to provide benefits throughout the lifetime of the opening by offering a service kit for repairs or modifications in the future.

Features and benefits

- Quick: common connections reducing installation time
- Perfect Connections: these factory installed connectors ensure the right wires match up every time
- Protective: the connectors protect the connection points throughout the installation process and lifetime of the opening
- Interchangeable: all Allegion Connect products utilize the same connectors
- Maintenance: you no longer need to cut away wire to disconnect Allegion products, also available is a service kit specifically for Allegion Connect products.

Harness length	Connectors on both ends	Connectors on one end, crimped pins on the other end
6 Inches	CON-6	CON-6P
12 Inches	CON-12	CON-12P
26 Inches	CON-26	CON-26P
32 Inches	CON-32	CON-32P
38 Inches	CON-38	CON-38P
44 Inches	CON-44	CON-44P
50 Inches	CON-50	CON-50P
192 Inches	CON-192	CON-192P
Power supply wire harness = connectors on one end, stripped leads on the other end.		
6 Inches	CON-6W - frame side of power transfer	

Consult door manufacturer for harness length requirements.

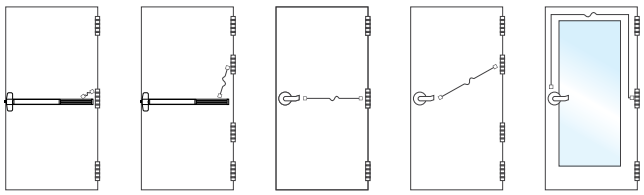
Note: You will need to purchase a separate wiring harness to go from exit device to hinge/EPT and an additional harness to go from hinge/EPT to power supply or access control system. Harness part numbers with ordering information can be located in the Schlage, Von Duprin and Falcon price books. A service kit is available for order in the Schlage, Von Duprin and Falcon price books. Included in this kit are male end plugs, female end plugs and pins to customize harnesses to your application.

Note: Must be ordered with exit devices and locks

To order, specify:

1. Specify CON for Connect electronic options
   Example: QEL-99-EO-CON
   (99 Series quiet electric latch retraction exit only with Connect connectors)
2. Specify harness length; Consult door manufacturer for harness length
3. Specify Von Duprin EPT10-CON or Ives electrical thru-wire hinge

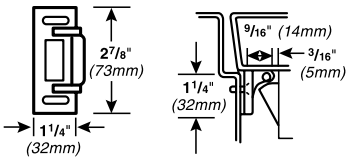
Wire run options



Strikes

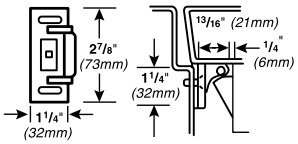
Strikes for rim devices

264



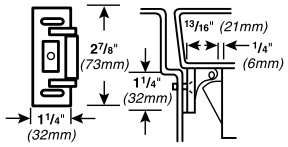
Projection 9/16" (14mm)

299



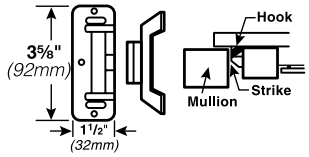
Projection 13/16" (21mm)

299F



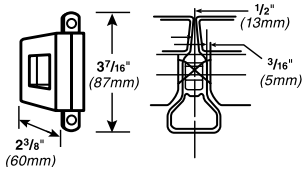
Projection 13/16" (21mm)

499F



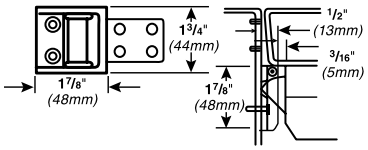
Projection 15/16" (24mm)

1408



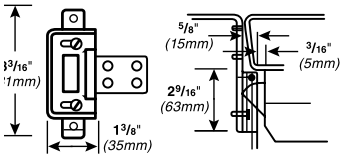
One per pair of doors

1439–Blade stop



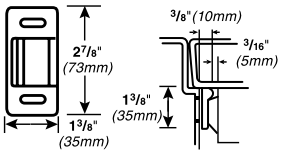
Projection 1/2" (13mm)

1410–Integral stop



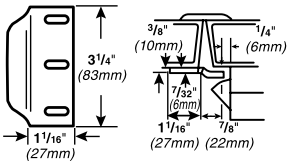
Projection 1/2" (13mm)

1606



Projection 3/8" (10mm)
(Panic devices only)

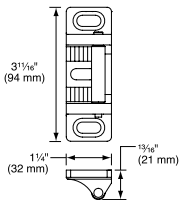
1609



- Requires coordinator
- For panic exit application only, not fire rated

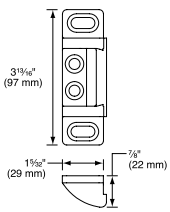
XP Strikes for rim devices

909



Projection 13/16" (21mm)

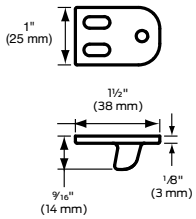
954



Projection 7/8" (22mm)
(For fire rated double door applications)

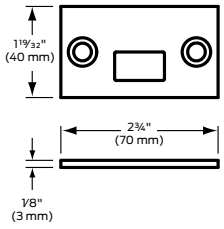
Strikes for vertical cable devices

249 - Top strike



Projection 9/16" (14mm)

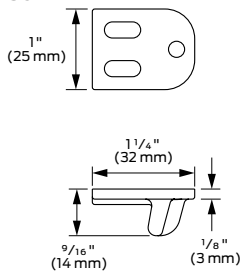
349 - Bottom strike



Projection 1/8" (3mm)

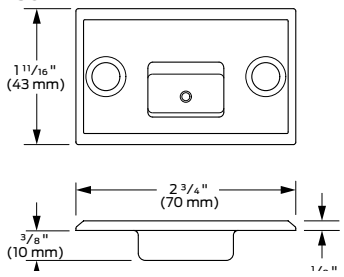
Strikes for 98/9950WDC devices

150



Projection 9/16" (14mm)

450

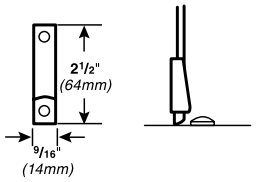


Projection 1/8" (3mm)

Strikes

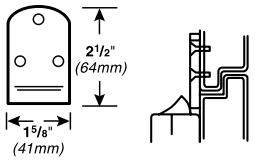
Strikes for vertical rod devices

248L-4



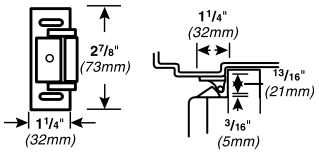
Projection 3/8" (10mm)

260U-Flush transom panic only
260U-F-Flush transom fire only



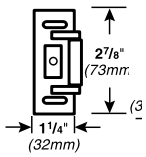
Projection 3/8" (10mm)

299



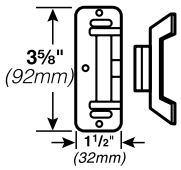
Projection 13/16" (21mm)

299F



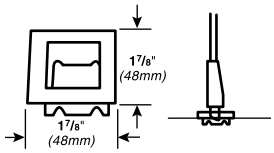
Projection 13/16" (21mm)

499F



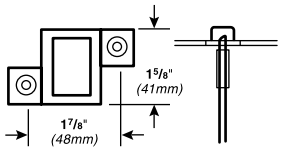
Projection 15/16" (24mm)

304L



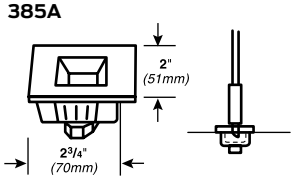
Projection 13/16" (21mm)

338



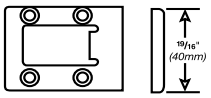
Mortise 5/8" (16mm)

385A



Mortise 2 1/2" (64mm)

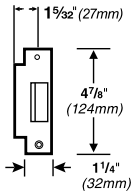
283



For use with WDC devices when used with wood frames

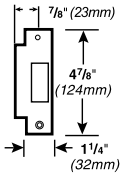
Strikes for mortise lock devices

575



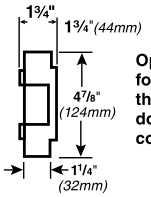
For use on 1 3/4" (44mm) or 2 1/4" (57mm) Single door and 2 1/4" (57mm) double door with coordinator.

575-2



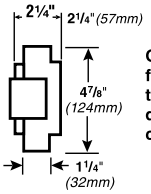
For use on 1 3/4" (44mm) thick double door with coordinator and astragal.

576A



Open back strike for 1 3/4" (44mm) thick double doors without coordinator.

576B



Open back strike for 2 1/4" (57mm) thick double doors without coordinator.

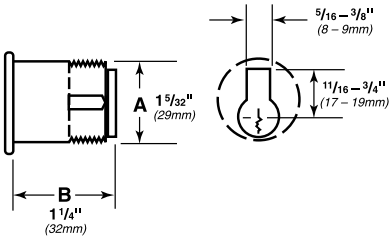
- Not for use with astragals
- For use on wood doors, contact door manufacturer

- Acceptable for 90 minute pair of hollow metal doors

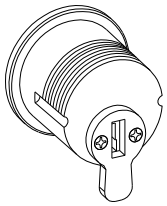
Cylinders

Cylinders are not furnished with device or trim and must be specified when ordering. Refer to trim pages for cylinder type.

Mortise — 3215
(Schlage 20-001, L583-477 cam)

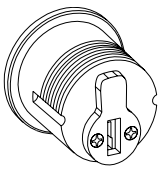


Dogged (inverted) cam



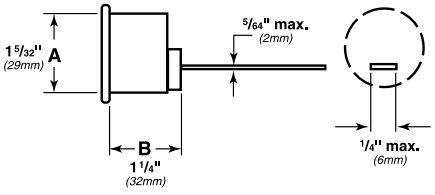
For CD, CDSI, CI and SD

Undogged cam (standard operations)

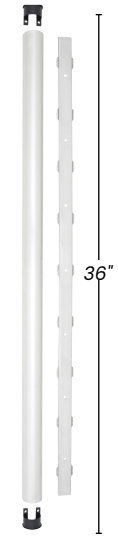


For ALK, CX, DE5300, RCM, SS and all 98/99 Series mortise cylinder trims and controls

Rim — 3216
(Schlage 20-022)



Door kits



Rod guard

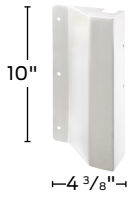
Vertical rod and latch guard (RG-27)

Series RG-27 Vertical rod and latch guards protect the bottom rods of exit devices from the damaging impacts of carts or gurneys passing through doors. (If bottom rods become damaged, the exit device will not function as intended and can jeopardize the ability to exit safely during an emergency.)

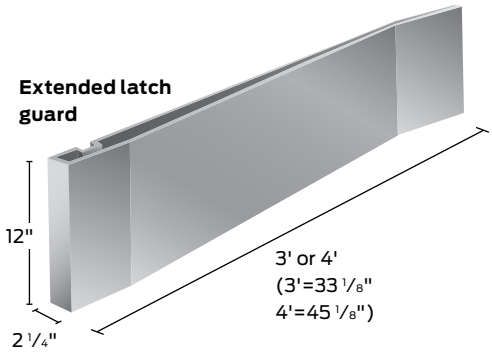
In addition to protecting the vertical rod, the guard provides a smooth, unobstructed surface so the door can be pushed open easily with the bumpers of a wheelchair. The latch guard portion is 10" high. The standard latch guard features a 45º ramp. The extended latch guard offers a continuous ramp for 3' or 4' doors.

All stainless steel construction in 630 finish. Latch guards can cover latches as large as 1 1/4"W x 10"H x 1 7/8" projection.

Latch guard



Extended latch guard



Models

RGO	Rod guard only (projection 1 3/16")
RG-27	Rod and latch guard
RG-27-3	3' (914mm) Rod guard and extended latch guard
RG-27-4	4' (1219mm) Rod guard and extended latch guard
LGO	Latch guard only
LGO-3	3' (914mm) Extended latch guard only
LGO-4	4' (1219mm) Extended latch guard only
WS-LGO-3	3' (914mm) Extended latch guard only for windstorm (WS) devices
WS-LGO-4	4' (1219 mm) Extended latch guard only for windstorm (WS) devices

When using on wood fire doors, high density block is required.

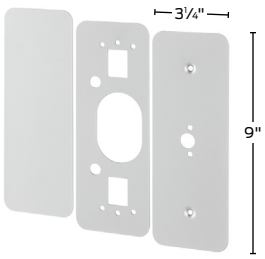
To order, specify:

1. Model number*
2. Handing (except on RGO).
3. Door material if other than hollow metal.
4. Optional sex bolt mounting available.

* RGO/RG-27 includes one rod guard only, which accommodates bottom or top rod up to 7' door. For longer top rods, specify rod guard quantity required. Also available are the WS-LGO-3; and WS-LGO-4' extended latch guards for use with WS98/9927/57 devices.

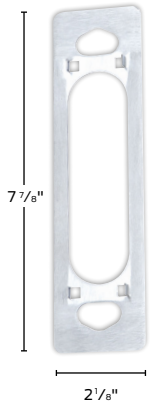
997 Cover plate kit

For 98/99 rim device, kit contains inside and outside plates for hinge stile cutouts, an inside plate for the lock stile, and necessary screws. Plates are designed to cover cutouts required by most existing exit device installations. Specify finish.



Wood door applications cover plate kit (WDA)

For wood door applications, used to cover up door preparations for control, also prevents the control from boring into the wood door. Finished to match control.



#10WDA Cover plate kit for 370 series controls

Glass bead kit (GBK)

Glass bead conversion kits are available for all 98/99 Series devices for use on doors with raised glass beads. Each kit consists of 1/4" (6mm) shim sets. GBK for surface vertical rod ships with 1/8" shims for rod guides.

To order, specify:

1. Device model.
2. GBK.
3. Device type (rim, mortise, surface rod, concealed rod, concealed cable).
4. Wood door (when used with concealed rod or concealed cable device).
5. Specify if using with 499F or 954 strike.
6. Finish.

Example: XP98 GBK Rim 954 SP28

Note: For 330/350 dummy pushbar, order hinge stile shim #971010, quantity 2.

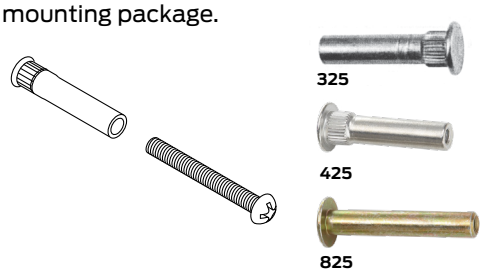
Sex bolts

Sex bolts provide secure mounting by mating with machine screws furnished with devices. Sex bolts are either optional or required, as shown in quantity chart below. Sex bolts ordered separately are not furnished with screws. If screws are required, order device mounting packages.

To order sex bolts

1. If ordering devices with sex bolts, specify SNB (sex nuts and bolts) in device description.
2. If ordering sex bolts separately, specify:
   - Sex bolt model number
   - Package quantity (sold as package of 2)
   - Finish

An alternative to sex bolt mounting is the use of UL or WH approved high density blocking material for wood fire-rated doors. Specify device with SLM (special laminate material) mounting package.



Device type	Function	Sex bolts						
		425			325 for 499F hook		325 for latches	825
		Required Included in device price	Required Added to device price	Optional Added to device price	Required Added to device price	Optional Added to device price	Required Included in device price	Required Added to device price
98/99/XP98/XP99 Rim	EO, NL-OP			6				
	DT, K, L, NL, TP, VR, 392, 696/697			2				
98/99/XP98/XP99 Rim-F, single door, metal door	EO, NL-OP			6				
	DT, K, L, NL, TP, VR, 392, 696/697			2				
98/99/XP98/XP99 Rim-F, double door, metal door	EO, NL-OP			6		2		
	DT, K, L, NL, TP, VR, 392, 696/697			2		2		
98/99/XP98/XP99 Rim-F, single door, wood door	EO, NL-OP, 392, 696/697*		6					
	DT, K, L, NL, TP, VR		2					2
98/99/XP98/XP99 RIM-F, double door, wood door	EO, NL-OP, 392, 696/697*		6		2			
	DT, K, L, NL, TP, VR		2		2			2
(HH)98/99/XP98/XP99 Rim panic and fire, single or double metal door	EO, NL-OP, 392, 696/697*		6			2		
	DT, K, L, NL, TP, VR		2			2		
98/9927/57/-F	EO, NL-OP, TL-OP			6			4	
	DT, K, L, NL, TP, TL, VR, 392, 696/697			2			4	2†
98/9927LBR/57LBR	EO, NL-OP, TL-OP			6			2	
	DT, K, L, NL, TP, TL, VR, 392, 696/697			2			2	
98/9927LBR-F, metal door	EO, NL-OP, TL-OP			6		2	2	
	DT, K, L, NL, TP, TL, VR, 392, 696/697			2		2	2	
98/9927LBR-F, wood door	EO, NL-OP, TL-OP			6	2		2	
	DT, K, L, NL, TP, TL, VR, 392, 696/697			2	2		2	
HH98/9927/57/-F	EO, NL-OP, TL-OP, 392, 696/697*		6		2		4	
	DT, K, L, NL, TP, TL, VR		2		2		4	
WS98/9927/57/-F	EO, 392	6					12	
	DT, L, VR	2					12	
98/9947/47WDC /48/49/50/-F, standard or LBR/LBL	EO, NL-OP, TL-OP			6				
	DT, K, L, NL, TP, TL, VR, 392, 696/697			2				
HH98/9947/49/-F	EO, NL-OP, TL-OP, 392, 696/697*		6					
	DT, K, L, NL, TP, TL, VR		2					
98/9952	EO			6				
	L, L-BE			2				
98/9975/-F	EO, NL-OP			6				
	DT, HL, K, L, NL, TP, 392, 696/697			2				
HH98/9975/-F	EO, NL-OP, 392, 696/697*		6					
	DT, HL, K, L, NL, TP		2					
98/99/XP98/XP99 Rim-F, single or double door, SLM blocking	No sex bolts, all applications; special laminate material (SLM) blocking mounting package added to price							
98/9927/57-F, SLM blocking								
98/9947WDC/50-F, standard or LBR/LBL, SLM blocking								
98/9975-F, SLM blocking								

* 696/697 must be milled on the back to sit flush against required 425 sex bolts

† These 825 sex bolts are only required for 98/9957-F on fire-rated wood doors with outside trim.

Mullions

Removable steel mullions provide single door performance in double door openings with rim devices. Mullions are easily removed by loosening bottom set screw and removing top fitting cover. The top mullion fitting is attached to the frame and is concealed by the fitting cover.

- Steel mullions are 2" (51mm) wide and 3" (76mm) deep, with a wall thickness of 1/8" (3mm) (except the HH9954 which has thicker walls).
- Mullions are shipped with mounting screws and prepared for strikes. (Strikes are not included except where indicated.)
- Steel mullions are available in SP28 and SP313 finishes. (Consult factory for other powder coat finish options.)

Keyed removable steel mullions (KR)

KR mullions make removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without the use of the cylinder key. Uses a 1 1/4" mortise cylinder with a straight cam (Schlage cam reference L583-477). Cylinders are sold separately. Prefix mullion model with "KR". (KR is not available on HH9954 or aluminum mullions.)

Removable aluminum mullions are 1 1/16" (27mm) wide on face closest to the door and 2 3/8" (60mm) at the widest point. The depth is 3 1/8" (79mm) with a wall thickness of 1/8" (3mm).

Aluminum mullions are available in 606, 612, 628, 710 and 622/711 finishes. Consult factory for other powder coat finish options. Aluminum mullions are not available keyed removable.

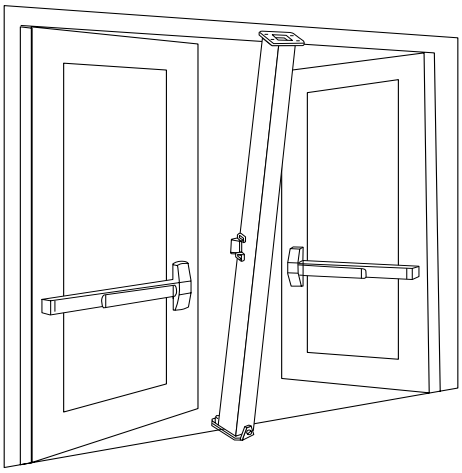
Stock hollow metal applications for devices mounted to cover ANSI 161 cutouts are higher than the standard mullion strike location. Consult the factory for special strike preparation or order a blank mullion. See below.

Blank mullions

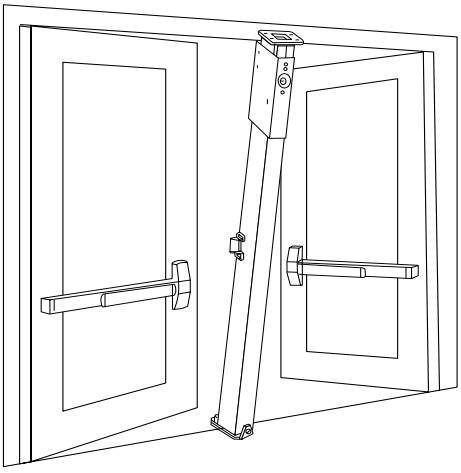
Blank mullions are furnished without strike preparation. They are used to mount devices at a strike height different from the standard mullion preparation.

To order, specify:

1. For keyed removable option on steel mullions, prefix model number with "KR"
2. Model number
3. Height of opening
4. Finish
5. Handing if required
6. Centerline deviation (refer to device template for standard centerline)
7. Strikes, when required, should be ordered with device



Removable mullions



Keyed removable steel mullions

Steel and aluminum mullions

Steel mullions

1654 Prepared for two 1606 strikes. If 1606 strikes are not specified on the order, two per mullion will be added. Additional charges apply.

4954 Prepared for 264 or 299 strikes. For use with all Von Duprin Panic rim devices.

4954-XP Prepared for two 909 strikes, for XP device.

9954 Prepared for and must be used with two 268 strikes (88-F device), or two 499F (22-F, 98-F, 99-F devices). UL fire labeled mullion for up to 3 hour opening using Von Duprin fire exit rim devices. This mullion is not easily removed due to special fittings. 98-F and 99-F devices are rated up to 10'0" (3048 mm).

Note: If 268 or 499F strikes are not specified on the order, two per mullion will be added. Additional charges apply.

9954-XP Prepared for two 954 strikes, for XP device.

HH9954 Heavy-duty mullion for use in impact-rated hurricane assembly. See UL Listing for Fire Exit Hardware on page 73 and Hurricane rated applications on pages 50-51.

4754 Prepared for two 4263 monitor strikes.

4854 Prepared for one 299 and one 6111 electric strike. Indicate handing for electric strike.

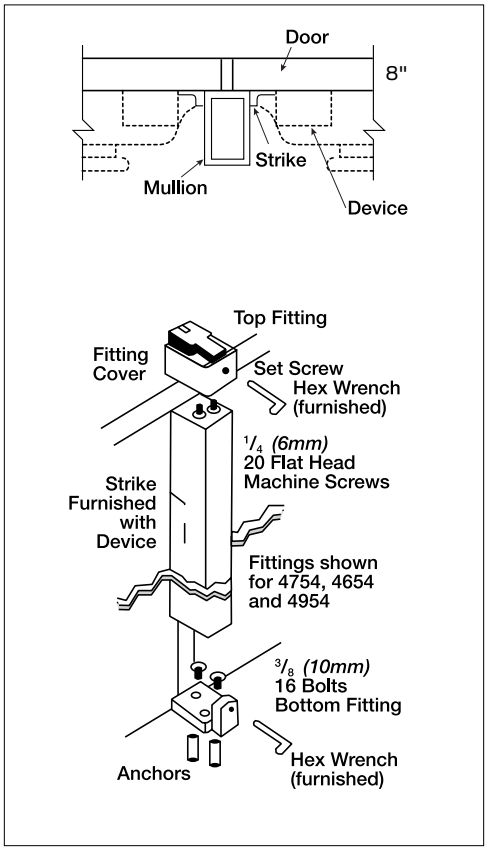
9854 Prepared for one 268 or 499F strike and one 6111 electric strike. Indicate handing for electric strike. UL fire labeled mullion for up to 90 minutes openings up to 8' x 8' (2438mm x 2438mm) using Von Duprin fire exit rim devices.

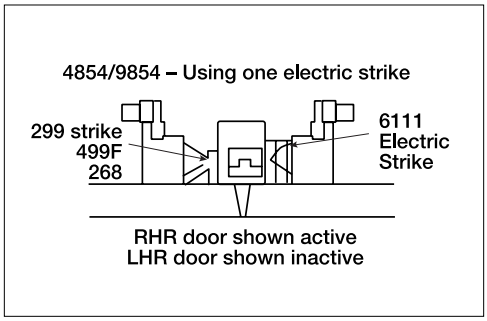
Aluminum mullions

5654 Prepared for two 299 strikes.

5654-XP Prepared for two 909 strikes, for XP device.

5754 Prepared for 1408 double strike.





UL Listing for fire exit hardware

UL Listed fire exit hardware label and opening size

Check with door manufacturers to confirm listing compatibility.

Exit device	Door material	Single door	Double door						
			With 9954 mullion	With 9854 mullion[4]	With KR9954 mullion	With KR9854 mullion[4]	V x V same direction[1]	V x Mortise same direction[3]	V x V double egress
98-F 99-F	Metal, composite (wood or plastic covered)	3 Hour 4' x 10'	3 Hour 8' x 10'	90 Min 8' x 8'	3 Hour 8' x 8'	90 Min 8' x 8'	—	—	—
98-F/99-F with 1439 Strike	Metal, composite (wood or plastic covered)	3 Hour 4' x 8'	—	—	—	—	—	—	—
XP98-F XP99-F	Metal, composite (wood or plastic covered)	3 Hour 4' x 10'	3 Hour 8' x 10'	90 Min 8' x 8'	3 Hour 8' x 8'	90 Min 8' x 8'	—	—	—
9827-F 9927-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
9827LBR-F 9927LBR-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 8'	3 Hour 8' x 8'	3 Hour 8' x 8'
9827LBR-F[2] 9927LBR-F[2]	Wood core	—	—	—	—	—	20 Min no hose 8' x 8'	20 Min no hose 8' x 8'	20 Min no hose 8' x 8'
9847-F 9947-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
9847LBR-F 9947LBR-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 9'	3 Hour 8' x 9'	3 Hour 8' x 9'
9847WDC-F 9947WDC-F	Composite (wood or plastic covered)	—	—	—	—	—	90 Min 8' x 9'3"	—	90 Min 8' x 9'3"
9847WDC-LBR-F 9947WDC-LBR-F	Composite (wood or plastic covered)	—	—	—	—	—	90 Min 8' x 9'3"	—	90 Min 8' x 9'3"
9847WDC-LBR-F[2] 9947WDC-LBR-F[2]	Wood core	—	—	—	—	—	20 Min no hose 8' x 9'3"	—	20 Min no hose 8' x 9'3"
9848-F 9948-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
9849-F 9949-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
9849LBL-F 9949LBL-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
9850-F 9950-F	Metal	—	—	—	—	—	90 Min 8' x 8'	—	90 Min 8' x 8'
9850WDC-F 9950WDC-F	Composite (wood or plastic covered)	—	—	—	—	—	90 Min w/ edge wrap 1 Hour w/o edge wrap 8' x 8'	—	—
9850WDC-LBL-F[2] 9950WDC-LBL-F[2]	Composite (wood or plastic covered)	—	—	—	—	—	20 Min w/ or w/o edge wrap, no hose 8' x 8'	—	—
9857-F 9957-F	Metal	3 Hour 4' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 8'	3 Hour 8' x 8'	—	—	—
9857-F/9957-F with 1439 Strike	Metal	3 Hour 4' x 8'							
9875-F 9975-F	Metal, composite (wood or plastic covered)	3 Hour 4' x 10'	—	—	—	—	—	3 Hour See vertical row	—
WS9827-F WS9927-F	Metal, composite (wood or plastic covered)	—	—	—	—	—	3 Hour 8' x 8'	3 Hour 8' x 8'	3 Hour 8' x 8'
WS9857-F WS9957-F	Metal, composite (wood or plastic covered)	3 Hour 4' x 8'	—	—	—	—	—	—	—

1 Fire-rated flush bolts may be substituted on one leaf of a pair in these columns. Substitute two-point flush bolt for vertical devices; or substitute top flush bolt with auxiliary fire bolt for vertical rod LBR/LBL-AFL devices. The opening will carry the fire listing (# hours and opening size) of the least rated component.
2 Not listed for Canada.
3 For Vertical x Mortise opening sizes, see applicable vertical rod/cable device rows.
4 Hourly limitation due to 6111 electric strike listing.

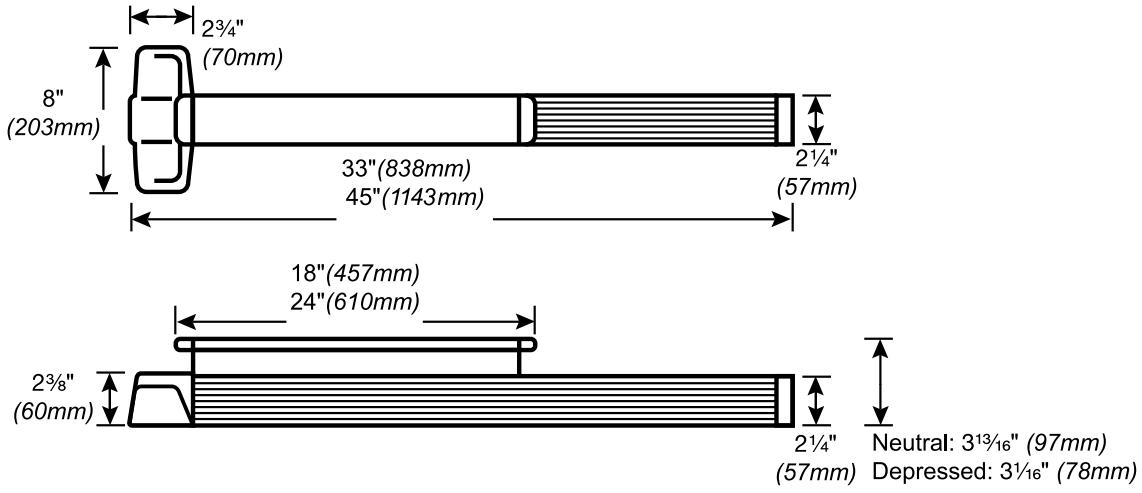
Notes:
Check with door manufacturers to confirm listing compatibility.
Overlapping astragal may not be used on pairs swinging same direction with vertical rods or cables on both leaves.

Function, grade and type options

ANSI Function, grade and type

Function	Grade 1, type 1	Grade 1, type 2	Grade 1, type 3	Grade 1, type 7	Grade 1, type 7	Grade 1, type 8	Grade 1, type 8	Grade 1, type 8	Grade 1, type 9
1	98EO/-F 99EO/-F	9827EO/-F 9927EO/-F	9875EO/-F 9975EO/-F	9847WDCEO/-F 9947WDCEO/-F	9850WDCEO/-F 9950WDCEO/-F	9847EO/-F 9947EO/-F	9848EO/-F 9948EO/-F	9849EO/-F 9949EO/-F	9857EO/-F 9957EO/-F
2	98DT 99DT	9827DT 9927DT	9875DT 9975DT	9847WDCDT 9947WDCDT	9850WDCDT 9950WDCDT	9847DT 9947DT	9848DT 9948DT	9849DT 9949DT	9857DT 9957DT
3	98NL/-F 99NL/-F	9827NL/-F 9927NL/-F	9875NL/-F 9975NL/-F	9847WDCNL/-F 9947WDCNL/-F	9850WDCNL/-F 9950WDCNL/-F	9847NL/-F 9947NL/-F	9848NL/-F 9948NL/-F	9849NL/-F 9949NL/-F	9857NL/-F 9957NL/-F
3	98K-NL/-F 99K-NL/-F	9827K-NL/-F 9927K-NL/-F	9875K-NL/-F 9975K-NL/-F	9847WDCK-NL/-F 9947WDCK-NL/-F	9850WDCK-NL/-F 9950WDCK-NL/-F	9847K-NL/-F 9947K-NL/-F	9848K-NL/-F 9948K-NL/-F	9849K-NL/-F 9949K-NL/-F	9857K-NL/-F 9957K-NL/-F
3	98L-NL/-F 99L-NL/-F	9827L-NL/-F 9927L-NL/-F	9875L-NL/-F 9975L-NL/-F	9847WDCL-NL/-F 9947WDCL-NL/-F	9850WDCL-NL/-F 9950WDCL-NL/-F	9847L-NL/-F 9947L-NL/-F	9848L-NL/-F 9948L-NL/-F	9849L-NL/-F 9949L-NL/-F	9857L-NL/-F 9957L-NL/-F
5	98TP/-F 99TP/-F	9827TP/-F 9927TP/-F	9875TP/-F 9975TP/-F	9847WDCTP/-F 9947WDCTP/-F	9850WDCTP/-F 9950WDCTP/-F	9847TP/-F 9947TP/-F	9848TP/-F 9948TP/-F	9849TP/-F 9949TP/-F	9857TP/-F 9957TP/-F
7	98TP-2/-F 99TP-2/-F		9875TP-2/-F 9975TP-2/-F						
8	98K/-F 99K/-F	9827K/-F 9927K/-F	9875K/-F 9975K/-F	9847WDCK/-F 9947WDCK/-F	9850WDCK/-F 9950WDCK/-F	9847K/-F 9947K/-F	9848K/-F 9948K/-F	9849K/-F 9949K/-F	9857K/-F 9957K/-F
8	98L/-F 99L/-F	9827L/-F 9927L/-F	9875L/-F 9975L/-F	9847WDCL/-F 9947WDCL/-F	9850WDCL/-F 9950WDCL/-F	9847L/-F 9947L/-F	9848L/-F 9948L/-F	9849L/-F 9949L/-F	9857L & F 9957L/-F
10	98K-2 /-F 99K-2/-F		9875K-2/-F 9975K-2/-F						
10	98L-2/-F 99L-2/-F		9875L-2/-F 9975L-2/-F						
11/12		9827TL/-F 9927TL/-F		9847WDC/-F 9947WDC/-F	9850WDC/-F 9950WDC/-F	9847TL/-F 9947TL/-F	9848/-F 9948/-F	9849/-F 9949/-F	9857TL/-F 9957TL/-F
14	98K-BE/-F 99K-BE/-F	9827K-BE/-F 9927K-BE/-F	9875K-BE/-F 9975K-BE/-F	9847WDCK-BE/-F 9947WDCK-BE/-F	9850WDCK-BE/-F 9950WDCK-BE/-F	9847K-BE/-F 9947K-BE/-F	9848K-BE/-F 9948K-BE/-F	9849K-BE/-F 9949K-BE/-F	9857K-BE/-F 9957K-BE/-F
14	98L-BE/-F 99L-BE/-F	9827L-BE/-F 9927L-BE/-F	9875L-BE/-F 9975L-BE/-F	9847WDCL-BE/-F 9947WDCL-BE/-F	9850WDCL-BE/-F 9950WDCL-BE/-F	9847L-BE/-F 9947L-BE/-F	9848L-BE/-F 9948L-BE/-F	9849L-BE/-F 9949L-BE/-F	9857L-BE/-F 9957L-BE/-F
16		9827TL-BE/-F 9927TL-BE/-F		9847WDC/-F 9947WDC/-F	9850WDC/-F 9950WDC/-F	9847TL-BE/-F 9947TL-BE/-F	9848/-F 9948/-F	9849/-F 9949/-F	9857TL-BE/-F 9957TL-BE/-F

Dimensions



Stile information

Device type	Standard single door			Standard double door			Optional single door			Optional double door		
	Strike	Trim/stile		Strike w/mullion*	Trim/Stile		Strike	Trim/stile		Strike w/mullion*	Trim/Stile	
		990/996	696/697		990/996	696/697		990/996	696/697		990/996	696/697
98/99	299	4 1/2" (114mm)	4 3/8" (111mm)	299 x 4954	4 7/8" (124mm)	4 3/4" (121mm)	1439 or 1410	3 13/16" (97mm)	3 13/16" (97mm)	299 x 5654	4 7/16" (113mm)	4 1/4" (108mm)
										1408 x 5754	3 13/16" (97mm)	3 13/16" (97mm)
							1606	4 1/16" (103mm)	3 15/16" (100mm)	1606 x 1654	4 3/8" (112mm)	4 1/4" (108mm)
XP 98/99	909			909 x 4954-XP			—	—	—	—	—	—
98-F/99-F	299F	4 1/2" (114mm)	4 3/8" (111mm)	499F x 9954	4 7/8" (124mm)	4 3/4" (121mm)	—	—	—	499F x 9854 KR9954	—	—
XP98-F/ XP99-F	909			954 x 9954-XP			—	—	—	—	—	—
9875 9975	575	4 3/4" (121mm)	4 3/4" (121mm)	575-2	—	—	—	—	—	576A-576B	4 3/4" (121mm)	4 3/4" (121mm)
9875-F 9975-F	575			575-2	—	—	—	—	—	576A-576B	4 3/4" (121mm)	4 3/4" (121mm)
9857 9957	299 (Top) 299 (Middle) 304L/248L-4 (Bottom)	4 1/2" (114mm)	4 3/8" (111mm)	299 x 4954	4 7/8" (124mm)	4 3/4" (121mm)	1439 or 1410	3 13/16" (97mm)	3 13/16" (97mm)	299 x 5654	4 7/16" (113mm)	4 1/4" (108mm)
										1408 x 5754	3 13/16" (97mm)	3 13/16" (97mm)
							1606	4 1/16" (103mm)	3 15/16" (100mm)	1606 x 1654	4 3/8" (112mm)	4 1/4" (108mm)
9857-F 9957-F	299F* (Top) 299F (Middle) 304L (Bottom)	4 1/2" (114mm)	4 3/8" (111mm)	299F 499F x 9954 304L	4 7/8" (124mm)	4 3/4" (121mm)	—	—	—	—	—	—

	Strike	Optional strike	Application	Trim/stile	
				990/996	696/697
9827 9927 Latch retraction	299 (Top) 304L/248L-4 (Bottom)	260U (Top) 385A (Bottom)	Single door	3 11/16" (94mm)	3 5/8" (92mm)
PL9827/PL9927 Pullman latch	299 (Top) 304L/248L-4 (Bottom)		Two vertical rod devices	3 11/16" (94mm)	3 5/8" (92mm)
9827-F 9927-F	299F* (Top) 304L (Bottom)	260U (Stainless) 385A (Bottom)			
9847 9947 9848 9948	338 (Top) 385A (Bottom)	304L (Bottom)	Vertical rod with Mortise lock device	4 3/4" (121mm)	4 3/4" (121mm)
9847-F 9947-F 9848-F 9948-F	338 (Top) 385A (Bottom)	304L (Bottom)	Two vertical rods	4 1/4" (108mm)	4 1/8" (105mm)
			Vertical rod with Mortise lock device	4 3/4" (121mm)	4 3/4" (121mm)
9847WDC 9947WDC	338 (Top) 385A (Bottom)	304L (Bottom)	Single door	4 1/4" (108mm)	4 1/4" (108mm)
			Two vertical rod devices	4 1/4" (108mm)	4 1/4" (108mm)
9847WDC-F 9947WDC-F	338 (Top) 385A (Bottom)	304L (Bottom)	Two vertical rod devices	4 1/4" (108mm)	4 1/4" (108mm)
9849 9949 9849 9949	249 (Top) 349 (Bottom)	—	Vertical cable with Mortise lock device	4 3/4" (121mm)	4 3/4" (121mm)
9849-F 9949-F 9849-F 9949-F	249 (Top) 349 (Bottom)	—	Two vertical cable	4 1/4" (108mm)	4 1/8" (105mm)
			Vertical cable with Mortise lock device	4 3/4" (121mm)	4 3/4" (121mm)
9850WDC 9950WDC	150 (Top) 450 (Bottom)	—	Single door	4 3/4" (121mm)	4 3/4" (121mm)
			Two vertical Cable devices	4 3/4" (121mm)	4 3/4" (121mm)
9850WDC-F 9950WDC-F	150 (Top) 450 (Bottom)	—	Two Vertical Cable Devices	4 3/4" (121mm)	4 3/4" (121mm)

*499F strike is the top strike for LBR applications.

Lever styles and finishes

Decorative levers

M51 [2]

M52 [2]

M53

M54

M55

M56

M57 [1]

M61 [3]

M62 [1,3]

M63 [3]

M81 [2]

M82

M83

M84

M85 [3]

ME1 [2,3,4]

ME2 [2,3,4]

ME3 [2,3]

1. Available in stainless steel substrate ONLY.
2. Knurling available, specify KN when ordering.
3. Handed.
4. Designed with Gensler as product design consultant.

Standard levers

01

02 [2]

03 [1,2]

05

06 [1,2] (Default lever)

07 [2]

12 [3]

16 - Omega

17 [1,2]

18

ACC - Accent [3]

AST - Asti [3]

MER - Merano [3]

LAT [1] - Latitude

LON [1] - Longitude

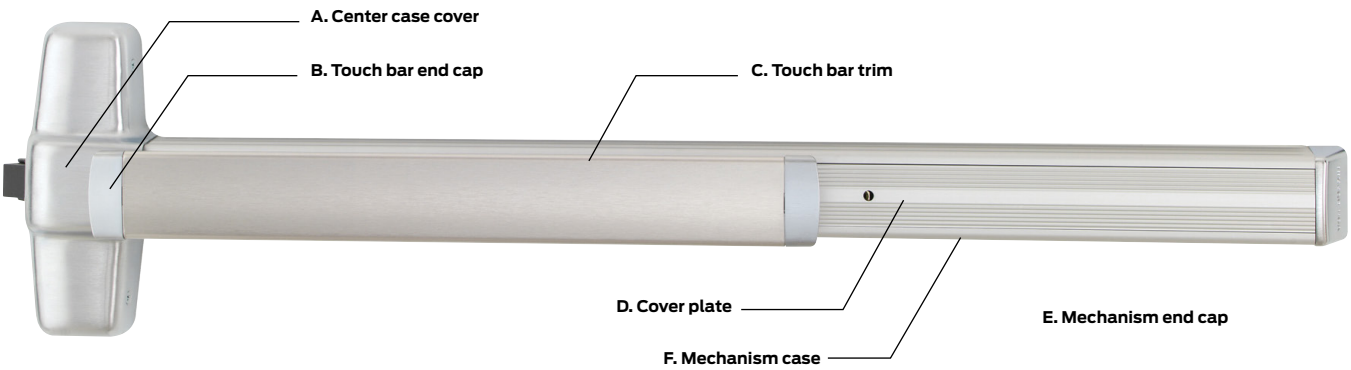
1. Available in Stainless Steel - specify SS when ordering.
2. Knurling available, specify KN when ordering.
3. Handed.

Finish options*						
Color	Bright brass	Satin brass	Satin bronze	Satin nickel	Matte black/ anodized	Bright chrome
ANSI/BHMA number	605	606	612	619	622/711	625

Finish options*						
Color	Satin chrome	Aluminum, anodized	Satin stainless	Aged bronze	Black paint	Dark brown, anodized
ANSI/BHMA number	626/626AM†	628	630/630AM†	643e	693	710

* Durable powder coated finishes available at special request. Please contact factory.
† AM = Antimicrobial

Device finish options



Finishes

Color	BHMA number	A, B, E	C	D and F
Bright brass	605	Bright brass	Bright brass, 605	Buffed anodized
Satin brass	606	Satin brass	Satin brass, 606	Anodized
Satin bronze	612	Plated	Satin bronze, 612	Anodized
Satin bronze, oil-rubbed	613	Oil rubbed bronze	Oil rubbed bronze, 613	Powder coat
Bright chrome	625	Plated	Bright stainless steel, 629	Buffed anodized
Satin chrome	626	Plated	Satin stainless steel, 630	Anodized
Satin stainless steel*	630	Stainless steel	Satin stainless steel, 630	Anodized
Aluminum, anodized	628	Powder coat	Satin stainless steel, 630	Anodized
Duranodic dark bronze	710	Powder coat	Powder coat	Powder coat
Black	622	Powder coat	Powder coat	Powder coat
Aged bronze	643e	Relieved aged bronze	Relieved aged bronze	Aged bronze, no relief

About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

For more, visit **www.allegion.com**

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VON DUPRIN®

Electrified exit hardware solutions

Introduction

Flexible solutions for real-world applications

Pioneering safety is in our DNA. Responding to a need more than a century ago, Von Duprin® invented the first self-releasing fire exit device. We continue to advance the industry through innovation that is fueled by a deep understanding of our customers' needs and safety standards, delivering solutions for even the most challenging applications.

We understand door hardware isn't a one-size-fits-all solution. Many electric strikes and accessories are available to fit varying security needs. Or customize an opening with electrified trim, a delayed egress option or alarm kit.

VON DUPRIN
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Indianapolis, IN 46219

Customer Service
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800-999-0328 - Fax

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877-671-7011

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4200 Series electric strikes for cylindrical locks

Overview

The 4200 Series electric strikes are easy to order, configure in the field and install. This makes it a great choice for commercial applications where traffic control is the primary function.

Compatible with a wide range of cylindrical devices, the 4200 series makes electrifying an opening simple. It is designed and tested to work will all Schlage and Falcon cylindrical locks as well those of many other manufacturers.

With a variety of field configurable options, the 4200 series is able to address a broad range of needs. The power failure mode (fail safe or fail secure) can be changed in the field without disassembling the strike. The 4200 series also features a 12/24 dual-voltage solenoid for field wiring of either input voltage.

Additional factory orderable options provide even greater flexibility. The 4200 series can be ordered with or without latchbolt monitor. Square face plate is offered standard to accommodate hollow metal frames, and rounded corner faceplates are available as an option for aluminum frames. An entry buzzer and rectifier kits are also available options.

The 4200 was developed with Von Duprin's high standards and engineering expertise. Its heavy duty stainless steel construction is designed to withstand abuse.

Features and benefits

- Field configurable 12/24 voltage utilizing dual-voltage internal solenoid
- Field configurable power failure mode (fail-safe/fail-secure)
- Non-handed, internal solenoid design
- Heavy duty stainless steel faceplate
- Latchbolt monitoring standard on 4212 only
- Optional entry buzzer and rectifier kits available for AC to DC operation
- 1 year electrical product warranty

Lockset compatibility

The 4200 series is compatible with all Schlage and Falcon cylindrical locks as well as cylindrical and deadlatch locks of many other manufacturers.

- The 4211 is compatible with locksets with 5/8" (15 mm) throw latchbolts, or up to 3/4" (19mm) throw latchbolts with a 1/8" door gap.
- The 4212 is compatible with locksets with 1/2" (12.7mm) throw latchbolts, or up to 5/8" (15 mm) throw latchbolts with a 1/8" door gap.

4200 Series power requirements

Model	Voltage	Current	Duty	Amps
4211 or 4212	12V	DC	Continuous	0.20
4211 or 4212	24V	DC	Continuous	0.10

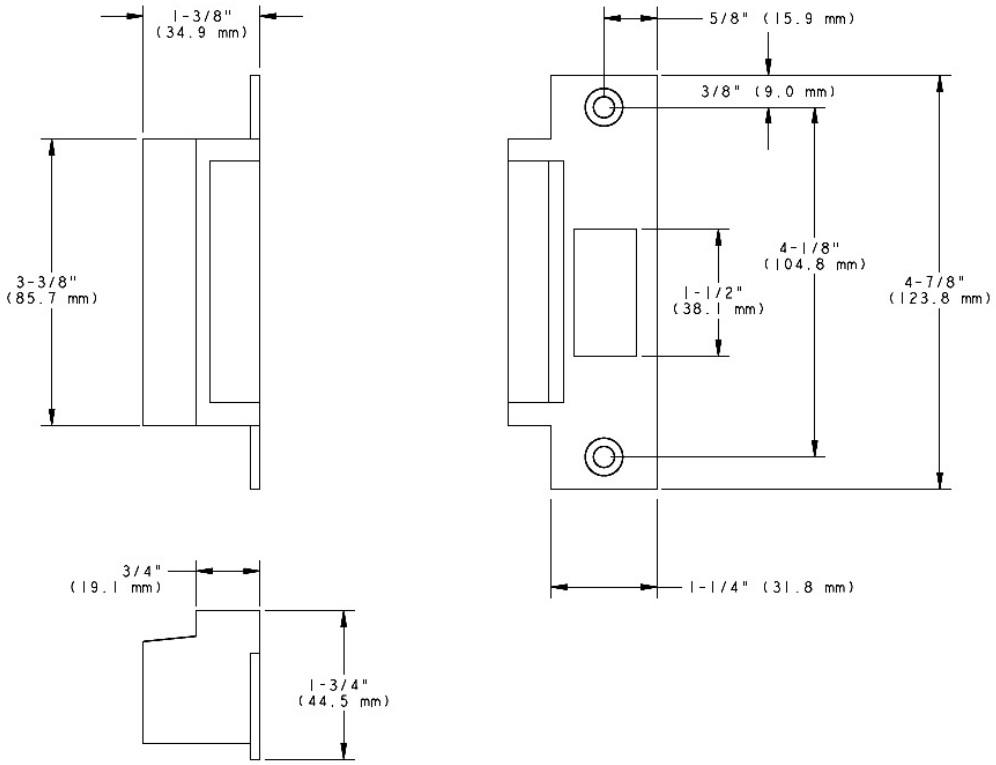
4212 Latchbolt monitor switch rating: 30VDC at 0.20 A
The 4200 series requires a DC regulated power supply, and the Schlage PS900 series power supplies are recommended.

Continuous duty=Energized 1 minute or more

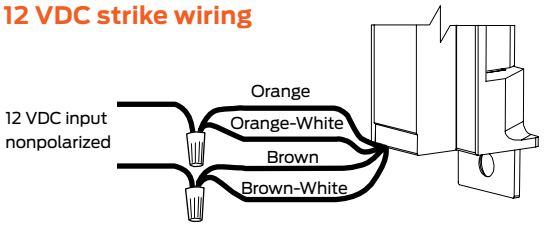
Model specifications

Model number		4211	4212
Retrofits model		HES 5200, RCI 6 Series	HES 5000, RCI 6 Series
Latchbolt throw		3/4"	5/8"
Latchbolt monitor switch		---	•
Face plate length		4 7/8"	4 7/8"
Backbox depth		1 3/8"	1 3/8"
Finish (faceplate)		BHMA 630/US32D	
Lockset	Cylindrical	•	•
	Deadlatch	•	•
	Mortise	---	---
Number of doors	Single	•	•
	Pair	---	---
Frame type	Hollow metal	•	•
	Aluminum	•	•
	Wood	---	---
Options	EB (entry buzzer - fail-secure only)	•	•
	SO12 & SO24 rectifier kit for AC to DC operation	•	•

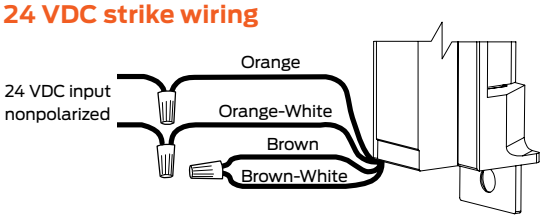
4200 Series electric strikes dimensions



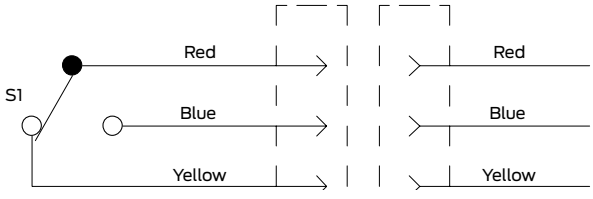
12 VDC strike wiring



24 VDC strike wiring



Latchbolt monitoring switch (4212 only)



Switch shown with latch status tripper depressed

Ordering information

4200 - S024 - EB

Model	Rectifier kit*	Buzzer*
1	2	3

* Optional

Selections correspond with the numbers above

1	Model
4211 4212	See model specification chart to make the proper selection See model specification chart to make the proper selection
2	Rectifier kit (optional)
S012 S024	Converts 12 VAC voltage to 12 VDC to operate the solenoid Converts 24 VAC voltage to 24 VDC to operate the solenoid
3	Buzzer (optional)
EB	Entry buzzer, with fail-secure (FSE) configured

Standard features

- Power failure mode: Field configurable fail-secure/ fail-safe
- Voltage: Field configurable 12 VDC/24 VDC dual voltage solenoid
- Finish: 630 satin stainless steel

5100 Series electric strikes for cylindrical locksets

Overview
The Von Duprin 5100 electric strike has been designed to offer flexibility and convenience for locksmiths and security professionals. This easy-to-install electric strike was created for medium-duty applications, specifically to control traffic flow through interior and exterior openings in retail and commercial environments.

The 5100 electric strike is compatible with a wide range of cylindrical devices and is extremely versatile for field conversions. The combination of three faceplate options plus field selectable voltage and power fail modes allows it to be changed on the job site to create as many as 12 different configurations. An adjustable keeper also improves fit for applications with weather stripping or tight door preps. In short, the 5100 provides added convenience by ensuring the right parts are in the box to get the job done.

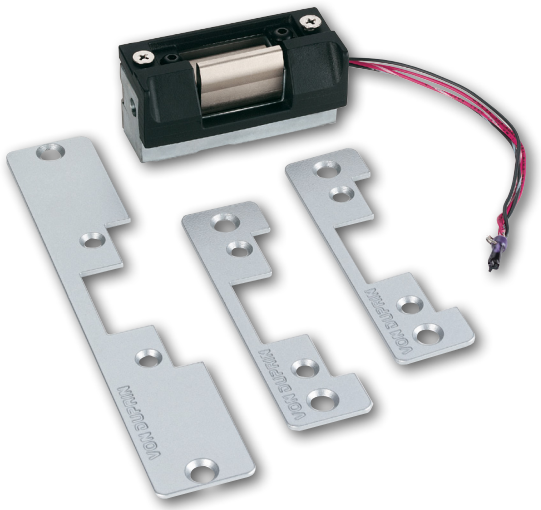
The 5100 was developed with Von Duprin's high standards and engineering expertise. Its heavy-duty construction and tamper-resistant design is able to withstand abuse. The 5100 is tested to over one million cycles and provides 1300 lbs holding strength.

Features and benefits

- Designed for cylindrical applications
- Capable of 12 in-field configurations
- Three faceplates standard in every box
- Field selectable 12/24 voltage
- Non-handed. Internal solenoid design
- Field selectable power failure mode (fail-safe/fail-secure)
- Adjustable keeper
- Rectifier kits
- Available in three finishes
- Suitable for interior and exterior doors
- UL 1034 listed for burglary-resistant electric door strikes
- Static strength 1300 lbs
- Dynamic strength 70 ft-lbs
- Endurance 1,000,000 cycles

Lockset compatibility

Keeper depth of $^{1}/_{2}$" is sufficient to accommodate all cylindrical locks up to $^{5}/_{8}$" throw and most aluminum narrow stile deadlatches.



5100 Series power requirements

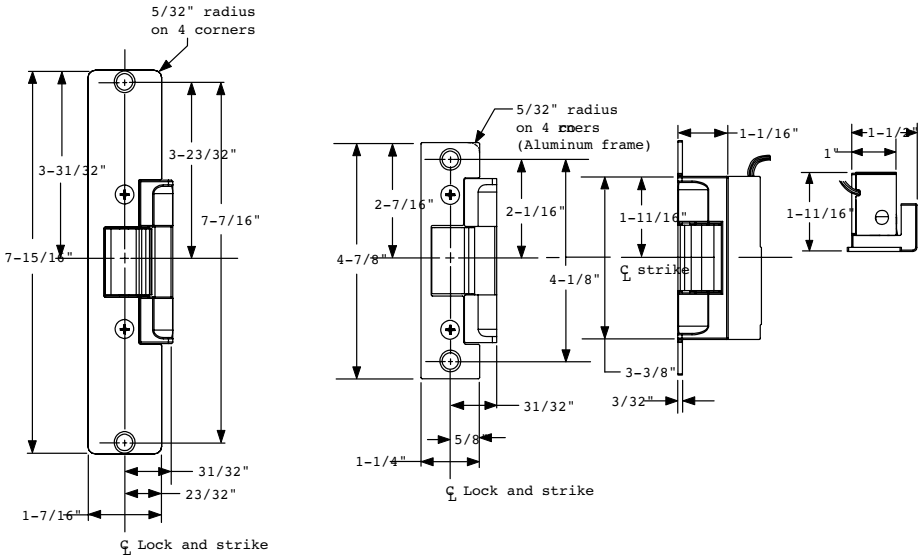
Power options		
DC: Regulated power supplies (recommended)	PS902 power supply	
AD/DC: Conversion	Von Duprin SO-24 kit	
	12VDC	24VDC
Resistance (ohms)	32	128
Current (amps)	0.38	0.19

All specs ±10% @ 77°F/25°C

Model specifications

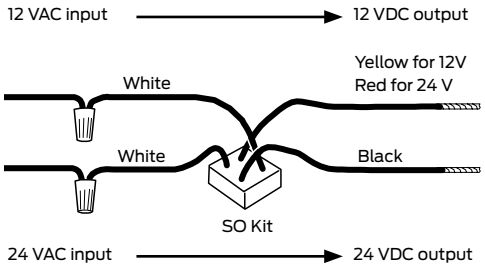
Model #	5100
Latchbolt throw	$^{1}/_{2}$" to $^{5}/_{8}$" ($^{1}/_{2}$" keeper depth)
Face plate length	4 $^{7}/_{8}$" or 7 $^{15}/_{16}$"
Depth	1 $^{11}/_{16}$"
Lockset	Cylindrical and deadlatch
Door/frame type	Hollow metal, aluminum and wood
Number of doors	Single
Certifications	UL 1034 burglary listing
Application notes	Versatile electric strike for aftermarket, covering multiple applications in one SKU

5100 Series electric strikes dimensions

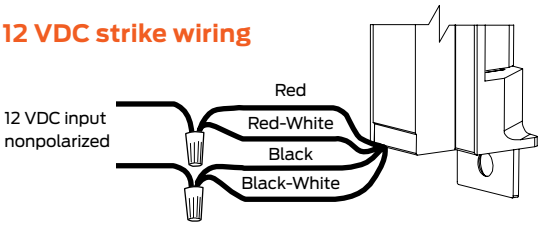


Solenoid power requirements; 12VDC, 0.38 A, 24 VDC, 0.19 A

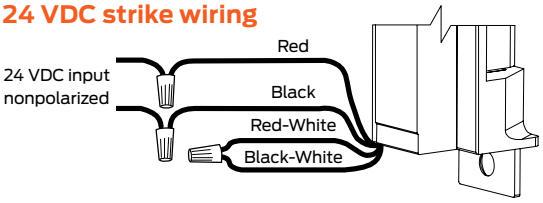
For DC operation, Von Duprin PS902 series power supply is recommended.
For AC operation, Von Duprin SO12 (12VAC) or SO24 (24VAC) kit is recommended.



12 VDC strike wiring



24 VDC strike wiring



Ordering information

5100 - US219 - S024

Model	Finish	Rectifier kit*
1	2	3

* Optional

Selections correspond with the numbers above

1	Model
5100	Electric strike for cylindrical locksets
2	Finish
	US SP28/BHMA 698 Aluminum US 19/BHMA 622 Flat black US SP313/BHMA 695 Dark brown
3	Rectifier kit (optional)
S012 S024	Converts 12 VAC voltage to 12 VDC to operate the solenoid Converts 24 VAC voltage to 24 VDC to operate the solenoid

Standard features

- 24 volts DC
- Fail-secure
- Field convertible to fail-safe

6000 Series electric strikes

Overview

Von Suprin 6000 Series electric strikes

Von Duprin is the leading manufacturer of premium, heavy-duty electric strikes known for their reliability, durability and security.

Electric Strikes provide remote release of a locked door. They allow the door to be opened without retracting the latchbolt. This occurs by the releasing of the electric strike lip (sometimes called keeper or gate). When the door closes the beveled latchbolt rides over the lip and falls into the electric strike pocket.

Von Duprin 6100 Series electric strikes

Electric strikes for use with rim exit devices

Von Duprin 6200 Series electric strikes

Electric strikes for use with mortise/cylindrical locks

6000

Versatility

- Furnished 24VDC and 28VDC standard with 12VDC and AC operation optional. 16VDC solenoids available.
- Furnished fail secure (FSE) standard, with fail safe (FS) optional.
- Strike box is adjustable to compensate for misalignment of the door or frame.
- Two piece plug connectors are furnished for ease of installation and for removal during strike servicing.

Durability

Developed with Von Duprin's high standards and engineering expertise.

- Heavy-duty stainless steel construction.

Features and benefits

- Stainless steel construction
- Accepts 3/4" (19mm) throw latchbolt
- Six finishes
- Non-handed
- Fail secure
- Plug connectors

Specifications	12V	24V
Resistance in Ohms ± 10% @ 70°F	21	82
Watt-seated @ 70°F	7.5	8
Amps-seated @ 70°F	.6	.33
Amps-inrush @ 70°F	.6	.33

To order, specify

1. **Model number**
2. **FS** (fail safe, when required)
3. **DS** or **DS-LC** (dual switch, when required)
4. **Voltage** 12VDC or 24VDC
   For 16V solenoids order separately
5. **SO12** or **SO24** (required when using AC)
6. **Finish**: 605, 606, 612, 613, 629, 630
7. **EB** (Entry buzzer), **FSE** only (when required)

Note: Information listed is for use on new applications. On retrofit applications, modification of the frame preparation may be required, consult factory.

Options

AC operation

SO12 and SO24 are rectifier kits to convert AC voltage to operate the DC solenoids. These kits are field installable and plug in-line to solenoid.

Dual switch monitoring (DS and DS-LC)*
(Factory installed only)

Dual switch monitoring option has two SPDT contacts, one switch monitors the tripper which is depressed when the latchbolt is inserted into the strike pocket. The second switch monitors the condition of the strike lip, open or closed and locked.

DS is standard, rated 24V, operating range from 2 ampere to 50 milliampere.

DS-LC low current gold contact switches for use on applications associated with computer control and monitoring, rated 24V, operating range 50 milliampere or below.

Fail secure — (FSE)

FSE — FAIL-SECURE electric strikes require power to be applied to unlock the strike lip. On loss of power, the strike is locked. Field convertible with parts.

Fail safe — (FS)

FS — FAIL-SAFE electric strikes require power to be applied to lock the strike lip. On loss of power, the strike is unlocked. Building codes prohibit the use of fail-safe strikes on fire-rated openings. Field convertible with parts.

Entry buzzer — (EB)

EB — Entry buzzer is available for use with fail-secure strikes. Installed in the frame and in parallel with the circuit, the buzzer will sound when the strike is unlocked.

UL listed

UL Listed Burglary-Resistant and Electric Strike for fire doors and frames. A label for single doors and B label for double doors.

* Dual Monitor Switches (DS or DS-LC) are not available on open back strikes.

6100 Series strikes for rim exit devices

Overview

Von Duprin electric strikes are known for their reliability, durability and security. The 6100 Series is designed to withstand abuse. Its heavy-duty stainless steel construction is fully UL1034 and UL10C listed.

6100 Series electric strikes are designed for use with a variety of rim exit devices. They interface with the latch mechanism of the exit device. The movable lip (keeper) allows a door to open even when the latch bolt is extended. This feature, called remote release, provides added benefits such as increased convenience and efficiency. The 6100 Series also provides added security and traffic control.

6100 Series electric strikes can be used for retrofit applications or new construction. To assure the proper selection of an electric strike on new applications, lockset compatibility charts are shown below. When using a lockset not listed or when retrofitting a strike to an existing application, please contact Von Duprin technical support for application assistance.

The power failure mode of the 6100 can be specified at the time of order. Fail-secure is available for fire rated openings. In a fail-secure application, the door is normally locked. To unlock the door, power must be applied. Fail-safe strikes, which are commonly used for life safety applications, are non-fire-rated. To unlock a fail-safe strike, power is removed. The 6100 comes standard 24 VDC; 12 VDC and AC operation are optional.

Features and benefits

- Non-handed design provides greater flexibility
- Strike box is adjustable to compensate for misalignment of the door or frame
- Two-piece plug connectors are furnished for ease of installation and for removal during strike servicing
- UL1034 burglary-resistant and UL10C electric strike for fire door
- Six finishes available to suite with existing hardware
- Durable stainless steel construction
- 24 VDC standard with 12 VDC and AC operation optional

Model specifications

		6111	6112	6113	6114	6121
Model number						
Retrofits model		VD 3031	FA 310-4	VD 3011, VD 3021	FA 310-5	FA 310-4-100
Latchbolt throw		3/4"	3/4"	3/4"	3/4"	3/4"
Face plate length		6"	9"	6"	7 1/2"	9 1/8"
Backbox depth		1 3/4"	1 3/4"	1 15/16"	N/A	N/A
Lockset		Rim exit device	Rim exit device	Rim exit device	Rim night latch*	Rim exit device
Number of doors	Single	▪	▪	▪	▪	—
	Double door with mullion	▪	—	—	—	—
	Double door without mullion	—	—	—	—	▪
Door/frame type	Hollow metal	▪	▪	▪	▪	▪
	Aluminum	▪	▪	▪	▪	▪
	Wood	▪	▪	▪	▪	▪
Options	Blade stop shim	Yes	No	Yes	No	No
	DS or DS-LC (dual monitor switches)	Yes	Yes	Yes	Yes	Yes
	EB (entry buzzer - fail-secure only)	Yes	Yes	Yes	Yes	Yes
Certifications		UL1034, UL10C	UL1034, UL10C	UL1034, UL10C	UL1034	UL1034
Application notes		1	2	3	4	5

Note: 16 VDC and 28 VDC solenoid are sold as replacement parts for existing strikes. Please contact customer care for details.
*Not an exit device.

Model specification notes:

1. 1/2" projection blade stop shim 010055-XX available for use on cased opening or blade stop frames. Specify when using with 55 rim devices. May also be used with vertical rod exit devices noted on previous page x Pullman latch LBR. Non-fired-rated.
2. When used to replace Folger Adam 310-4, minor fame prep modification required.
3. 1/2" projection blade stop shim 010055-XX available for use on cased opening or blade stop frames. Specify when using with 55 rim devices. Non-fire rated.
4. Surface applied strike designed to replace Folger Adam 310-5 with different mounting hole locations from Folger Adam.
5. Designed to mount on inactive leaf.

Exit device compatibility

6111, 6112, 6113 and 6121 Strikes

Manufacturer	Device
Von Duprin	22, 33A, 35A, 55[1], 88, 98, 99 8827 LBR[4] x Pullman latch Non-Fire rated 9827 LBR[4] x Pullman latch Non-Fire rated 9927 LBR[4,5] x Pullman latch Non-Fire rated
Falcon Monarch[2]	XX-R, 18-R, 19-R, 24-R, 25-R
Falcon Doromatic	1790
Precision[2]	2100
Sargent	2800, 6500, 6800, 8500, 8800, 9500, 9800[3], 9898
Yale	1500, 700

Exit device compatibility notes:

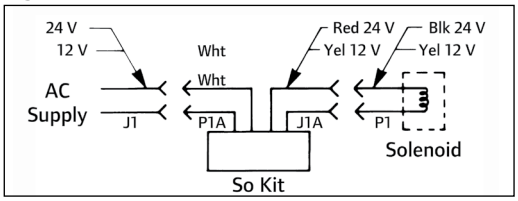
1. Strike must be factory modified, specify when using with a 55 Rim device
2. Deadlocking feature will not properly function, consult factory
3. Panic only, not fire-rated
4. 6111 is recommended for LBR applications
5. Example order: ES9827 LBR Pullman Non Fire Rated

Note: When using a lockset not listed or when retrofitting an existing application, please contact Von Duprin technical support for application assistance

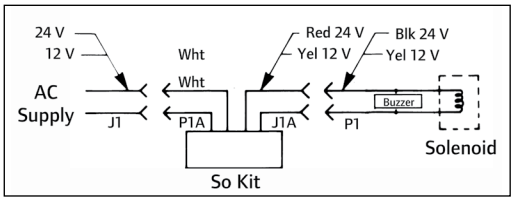
6100 Series strikes dimensions

Wiring

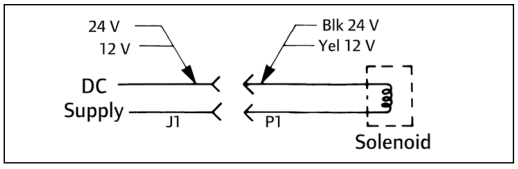
AC



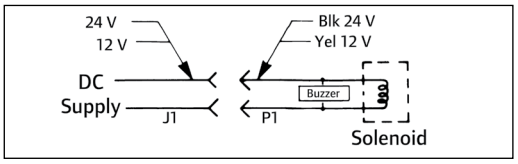
AC with buzzer



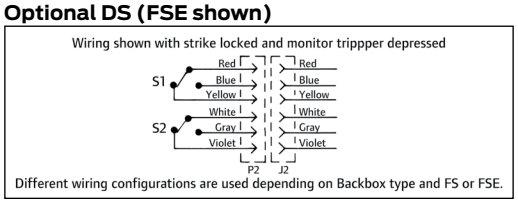
DC



DC with buzzer



Optional DS (FSE shown)



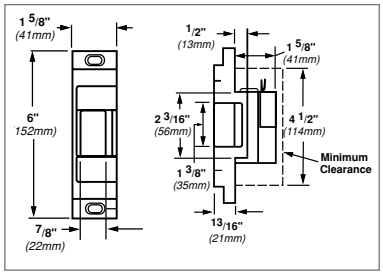
6100 Series power requirements

Models	Voltage	Current	Duty	Amps	Ohms
All	12V	DC	Continuous	0.60	21
All	24V	DC	Continuous	0.33	83

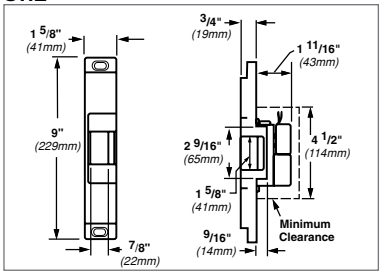
Continuous duty = Energized 1 minute or more

Dimensions

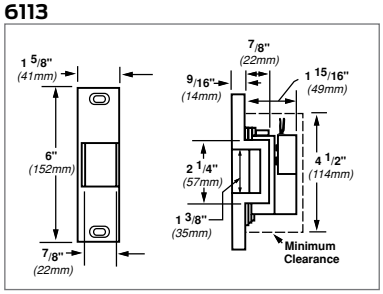
6111



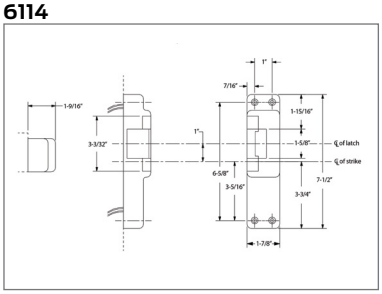
6112



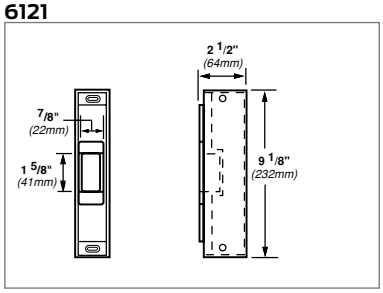
6113



6114



6121



6100 Series how to order

Ordering information

6112 - FSE - DS - 24 - S024 - 605 - EB - CON

1	2	3	4	5	6	7	8
Model	Power failure mode	Dual switch*	Voltage	Rectifier kit*	Finish	Buzzer*	Allegion Connect*

* Optional

Selections correspond with the numbers above

1	Model
6111	See chart on page 3 to make the proper selection
6112	See chart on page 3 to make the proper selection
6113	See chart on page 3 to make the proper selection
6114	See chart on page 3 to make the proper selection
6121	See chart on page 3 to make the proper selection

2	Power failure mode
FSE	Fail-secure. Requires power to be applied to unlock the strike lip. On loss of power, the strike lip is locked. **Fire-rated.**
FS	Fail-safe. Requires power to be applied to lock the strike lip. On loss of power, the strike lip is unlocked. **Non-fire-rated.**

3	Dual switch (optional)
DS	Monitors latch bolt and lock status. DS switches rated at 24 VDC 50 milliampere - 2 amps.
DS-LC	Optional for computer monitoring. Monitors latch bolt & lock status. DS switches rated 24 VDC 50 milliampere or less.

4	Voltage (VDC)
24	Low voltage DC power
12	Low voltage DC power

If AC power is required specify rectifier kit below.

5	Rectifier kit (optional)
SO12	Converts 12 VAC voltage to 12 VDC to operate the solenoid
S024	Converts 24 VAC voltage to 24 VDC to operate the solenoid

6	Finish US number/Von Duprin number
US3	Plated polished brass on stainless steel
US4	Plated dull brass on stainless steel
US10	Plated dull bronze on stainless steel
US10B	Plated dark bronze on stainless steel
US32	Stainless steel, polished
US32D	Stainless steel, satin

7	Buzzer (optional)
EB	Entry buzzer. Only available if Fail-Secure (FSE) is specified.

8	Allegion Connect
CON	Allegion Connect connector 6 in. wire extension harness available

6200 Series strikes for mortise or cylindrical devices

Overview

Von Duprin electric strikes are known for their reliability, durability and security. The 6200 Series is designed to withstand abuse. Its heavy-duty stainless steel construction is fully UL1034 and UL10C listed.

6200 Series electric strikes are designed for use with a variety of mortise or cylindrical locksets. It interfaces with the latch mechanism of the exit device. The 6200 Series movable lip (keeper) allows a door to open, even when the latch bolt is extended. This feature, called remote release provides added benefits such as increased convenience and efficiency. The 6200 Series also provides added security and traffic control.

6200 Series electric strikes can be used for retrofit applications or new construction. To assure the proper selection of an electric strike on new applications, lockset compatibility charts are shown below. When using a lockset not listed or when retrofitting a strike to an existing application, please contact Von Duprin Technical Support for application assistance.

Features and benefits

- Non handed design provides greater flexibility
- Strike box is adjustable to compensate for misalignment of the door or frame
- Two piece plug connectors are furnished for ease of installation and for removal during strike servicing
- UL1034 Burglary-Resistant and UL10C Electric Strike for Fire Door
- Six finishes available to suite with existing hardware
- Durable stainless steel construction
- 24 VDC standard with 12 VDC and AC operation optional

6200 Series power requirements

Models	Voltage	Current	Duty	Amps	Ohms
All	12V	DC	Continuous	0.60	21
All	16V	DC	Continuous	0.40	38
All	24V	DC	Continuous	0.33	83
All	28V	DC	Continuous	0.25	111

Continuous duty = Energized 1 minute or more

Cylindrical lockset compatibility[1,2,3]

6211, 6211AL, 6211WF, 6212, 6213, 6214, 6215, 6221, 6222, 6223, 6224, 6224AL, 6225 and 6226 Strikes

Manufacturer	Cylindrical latchbolt projection
Baldwin	1/2" – 3/4" (13mm – 19mm)
Best	3/8" – 3/4" (10mm – 19mm)
Corbin	1/2" – 3/4" (13mm – 19mm)
Falcon	1/2" – 3/4" (13mm – 19mm)
Russwin	1/2" – 3/4" (13mm – 19mm)
Sargent	1/2" – 3/4" (13mm – 19mm)
Schlage	3/8" – 3/4" (10mm – 19mm)
Yale	1/2" – 3/4" (13mm – 19mm)

Mortise lockset compatibility[1,2,3]

6211, 6211AL, 6211WF, 6212, 6213, 6214, 6215, 6221, 6222, 6223, 6224, 6224AL, 6225 and 6226 Strikes

Manufacturer	Model number
Von Duprin	7500
Adams Rite	4510, 4710
Baldwin	6000
Best	24H, 30H
Corbin	9000
Falcon	M2300, M2500, M2600, M3300, M3500, M3600
Precision	Mortise
Russwin	Mortise
Sargent	7700, 8100, 9000
Schlage	L9000, K30, K40, K50, K60
Yale	7030, 7130, 8600, 8700

Mortise lockset compatibility[1,3]

6210

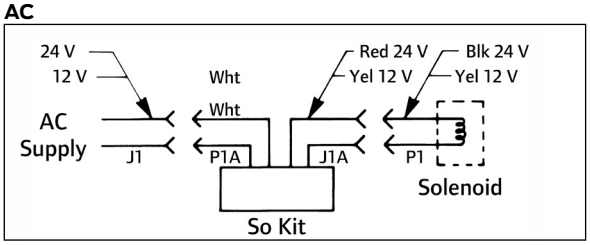
Manufacturer	Model number
Von Duprin	7500
Best	30H (not 45H/47H)
Corbin/Russwin	ML2200, 5000, 9000, CR2200 (not 2000)
Falcon	M100, M200, M300, M400, M500, M600
Sargent	7700, 8100 (not 7800/8200)
Schlage	L9000
Yale	8700 (not 8800)

1. Von Duprin cannot guarantee compatibility as other manufacturer's designs may change without notice.
2. Signalling may not function when using 3/8" (10mm) throw bolt. Deadlocking cannot be guaranteed with all locks.
3. When using a lockset not listed or when retrofitting a strike to an existing application, please contact Von Duprin Technical Support for assistance.

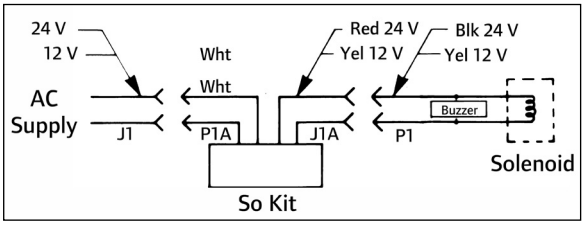
6200 Series strikes for mortise or cylindrical devices

Wiring

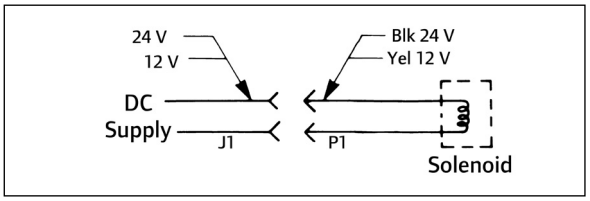
AC



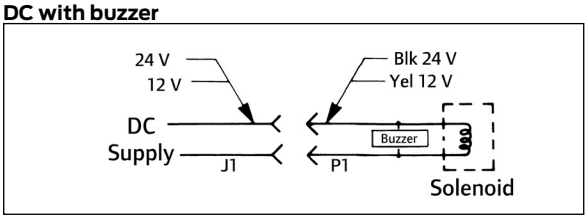
AC with buzzer



DC

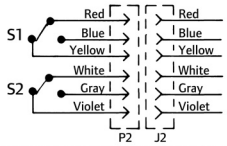


DC with buzzer



Optional DS (FSE shown)

Wiring shown with strike locked and monitor trippper depressed



Different wiring configurations are used depending on Backbox type and FS or FSE.

Model specifications

Model number		6210	6211	6211AL	6211WF	6212
Retrofits model		n/a	VD 3140, FA 712	FA 722	FA 732	VD 3146
Latchbolt throw		3/4"	3/4"	3/4"	3/4"	3/4"
Face plate length		4 7/8"	4 7/8"	4 7/8"	4 7/8"	6 3/8"
Backbox depth		1 3/4"	1 11/16"	1 11/16"	4 1/2"	1 21/32"
Lockset	Mortise without deadbolt	•	•	•	•	•
	Mortise with deadbolt 1" throw	---	---	---	---	---
	Cylindrical	---	•	•	•	•
Number of doors	Single	•	•	•	•	•
	Pair	---	---	---	---	---
Door and frame type	Hollow metal	•	•	---	---	•
	Aluminum	•	•	•	---	•
	Wood	---	---	---	•	---
Options	DS or DS-LC (dual monitor switches)	•	•	•	•	•
	EB (Entry buzzer - fail secure only)	•	•	•	•	•
Certifications	UL1034	•	•	•	•	•
	UL10C	3 hour	3 hour	3 hour	3 hour	3 hour
Application notes		1	2	---	2, 4	3

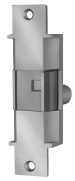
Note: 16 VDC and 28 VDC solenoid are sold as replacement parts for existing strikes. Please contact customer care for details.

Application notes:

1. For use with ANSI prep at standard height. Strike pocket inserts are provided to accommodate different manufacturers deadlocking trigger locations.
2. For use on new installations with mortise locks without deadbolt or cylindrical locks on single door, hollow metal frame applications. Designed to replace Von Duprin 3140 or Folger Adam 712.
3. Fits modified ANSI 115.2 cutout. Designed to replace Von Duprin 3146.
4. Wood frame horizontal solenoid location differs from Folger Adam. May require frame preop modification when retrofitting.

6200 Series strikes for mortise or cylindrical devices

Model Specifications



		6212WF	6213	6214	6215	6216	6221
Model #							
Retrofits model		n/a	VD 3041, 3042, 3061, 3062	FA 310-2 3/4	FA 310-2	FA 310-3-1	VD 3071 / 3072
Latchbolt throw		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Face plate length		6 3/8"	6"	9"	9"	9"	6"
Backbox depth		4 1/2"	2 1/2"	2"	1 5/8"	2 7/8"	4 3/4"
Lockset	Mortise without deadbolt	•	•	•	•	---	•
	Mortise with deadbolt 1" throw	---	---	---	---	•	---
	Cylindrical	•	•	•	•	---	•
Number of doors	Single	•	•	•	•	•	---
	Pair	---	---	---	---	---	•
Door and frame type	Hollow metal	---	•	•	•	•	•
	Aluminum	---	•	•	•	•	•
	Wood	•		See note 1 below		•	•
Options	DS or DS-LC (dual monitor switches)	•	•	•	•	•	---
	EB (Entry buzzer - fail secure only)	•	•	•	•	•	•
	28 VDC AC rectifier kit	•	•	•	•	•	•
	16 VDC solenoid	•	•	•	•	•	•
Certifications	UL1034	•	•	•	•	•	•
	UL10C	3 hour	3 hour	3 hour	3 hour	3 hour	3 hour*
Application notes		---	1	1	1	2	3

* When pair door has inactive leaf.

		6222	6223	6224	6224AL	6225	6226
Model #							
Retrofits model		FA 310-2 3/4 OB	VD 3091 / 3092	FA 310-2 3/4	FA 310-2RF	FA 310-2 OB	FA 310-2
Latchbolt throw		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Face plate length		9"	6"	9"	9"	9"	9"
Backbox depth		2"	4 1/2"	2"	1 5/8"	1 5/8"	1 5/8"
Lockset	Mortise without deadbolt	•	•	•	•	•	•
	Mortise with deadbolt 1" throw	---	---	---	---	---	---
	Cylindrical	•	•	•	•	•	•
Number of doors	Single	---	---	---	---	---	---
	Pair	•	•	•	•	•	•
Door and frame type	Hollow metal	•	•	•	---	•	•
	Aluminum	•	•	•	•	•	•
	Wood	---	•	---	---	---	---
Options	DS or DS-LC (dual monitor switches)	---	•	•	•	---	•
	EB (Entry buzzer - fail secure only)	•	•	•	•	•	•
	28 VDC AC rectifier kit	•	•	•	•	•	•
	16 VDC solenoid	•	•	•	•	•	•
Certifications	UL1034	•	•	•	•	•	•
	UL10C	3 hour*	3 hour*	3 hour*	3 hour*	3 hour*	3 hour*
Application notes		4	5	6	7	8	9

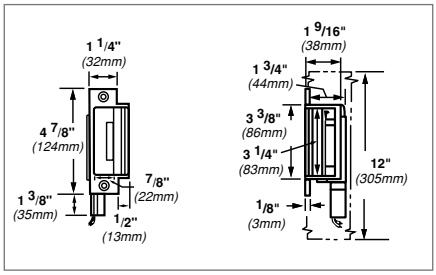
* When pair door has inactive leaf.

1. Includes wood frame for retrofit applications.
2. Deadbolt must be manually operated.
3. Open back electric strike for use on 1 3/4" (44 mm) thick double door applications. 4 3/4" (120 mm) minimum stile required. For a concealed vertical rod and mortise device combination, specify "A" backbox.
4. Open back electric strike for use on 1 3/4" (44 mm) thick double door applications.
5. Closed back electric strike for use on 1 3/4" (44 mm) thick double door applications. 4 3/4" (120 mm) minimum stile required. For a concealed vertical rod and mortise device combination specify "A" backbox.
6. Closed back electric strike for use on 1 3/4" (44 mm) or 2 1/4" (57 mm) thick double door applications.
7. Closed back electric strike for use on 1 3/4" (44 mm) or 2 1/4" (57 mm) thick aluminum double door applications.
8. Open back electric strike for use on 1 3/4" (44 mm) thick double door applications.
9. Closed back electric strike for use on 1 3/4" (44 mm) or 2 1/4" (57 mm) thick double door applications.

6200 Series strikes dimensions

Dimensions

6210



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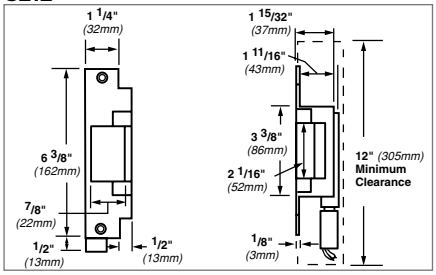

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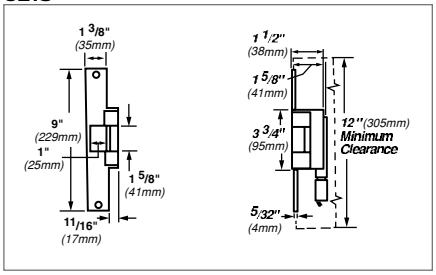

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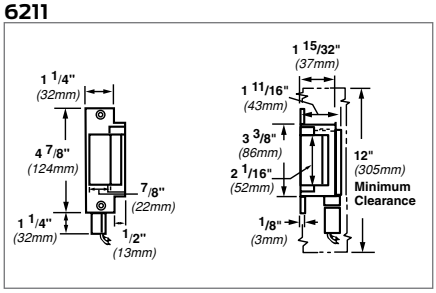

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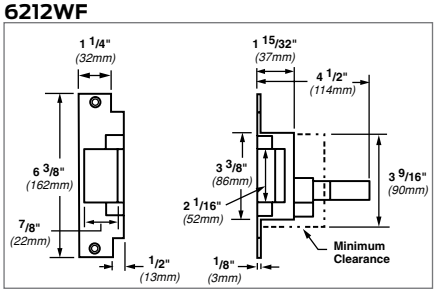

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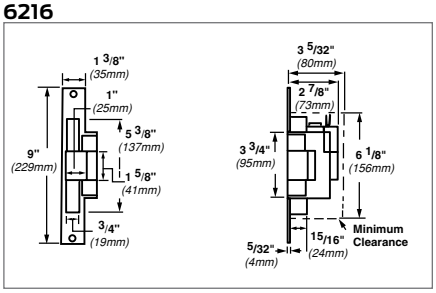

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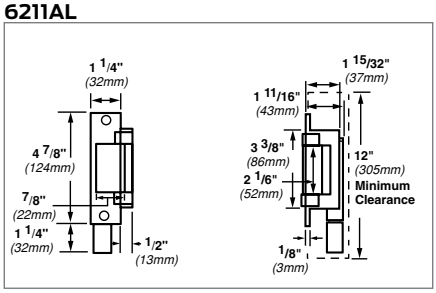

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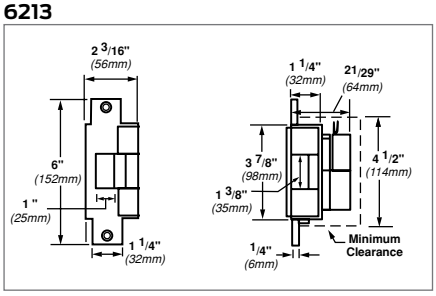

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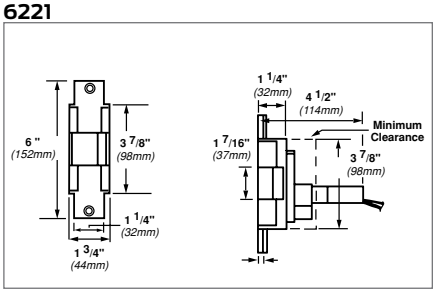

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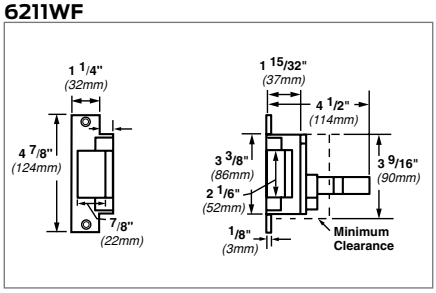

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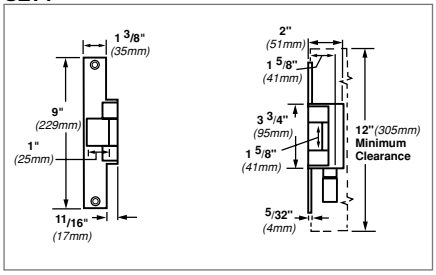

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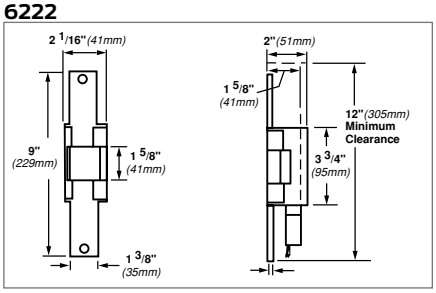
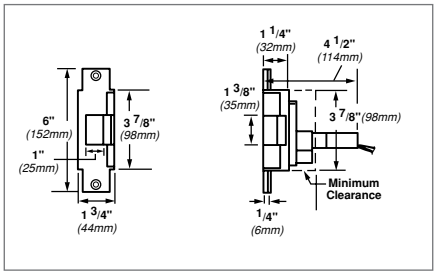


6200 Series strikes dimensions

Dimensions

6223



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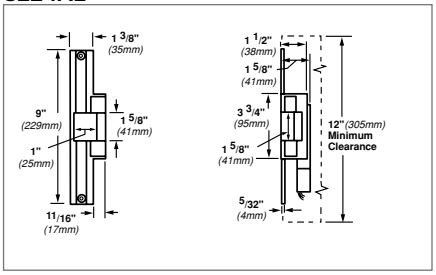

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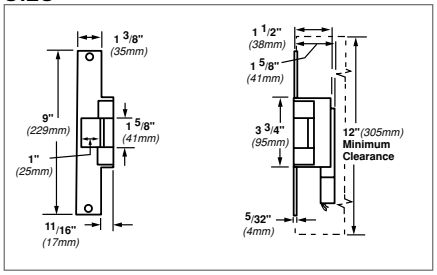

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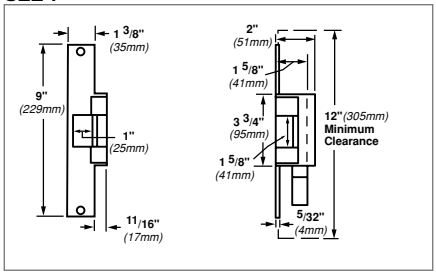

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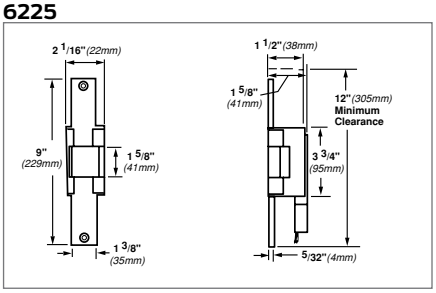


Ordering information

6210 - FSE - DS - 24 - S024 - 605 - EB - CON

Model	Power failure mode	Dual switch*	Voltage	Rectifier kit*	Finish	Buzzer*	Allegion Connect*
1	2	3	4	5	6	7	8

* Optional

Selections correspond with the numbers above

1	Model
6210	See chart on page 13 to make the proper selection
6211	See chart on page 13 to make the proper selection
6211AL	See chart on page 13 to make the proper selection
6211WF	See chart on page 13 to make the proper selection
6212	See chart on page 13 to make the proper selection
6212WF	See chart on page 14 to make the proper selection
6213	See chart on page 14 to make the proper selection
6214	See chart on page 14 to make the proper selection
6215	See chart on page 14 to make the proper selection
6216	See chart on page 14 to make the proper selection
6221	See chart on page 14 to make the proper selection
6222	See chart on page 14 to make the proper selection
6223	See chart on page 14 to make the proper selection
6224	See chart on page 14 to make the proper selection
6224AL	See chart on page 14 to make the proper selection
6225	See chart on page 14 to make the proper selection
6226	See chart on page 14 to make the proper selection

2	Power failure mode
FSE	Fail-secure. Requires power to be applied to unlock the strike lip. On loss of power, the strike lip is locked. **Fire-rated.**
FS	Fail-safe. Requires power to be applied to lock the strike lip. On loss of power, the strike lip is unlocked. **Non-fire-rated.**

3	Dual switch (optional)
DS	Monitors latch bolt and lock status. DS switches rated at 24 VDC 50 milliampere - 2 amps.
DS-LC	Optional for computer monitoring. Monitors latch bolt & lock status. DS-LS switches rated 24 VDC 50 milliampere or less.

4	Voltage (VDC)
24	Low voltage DC power
12	Low voltage DC power

If AC power is required, specify rectifier kit below.

5	Rectifier kit (optional)
SO12	Converts 12 VAC voltage to 12 VDC to operate the solenoid
S024	Converts 24 VAC voltage to 24 VDC to operate the solenoid

6	Finish US number/Von Duprin number
605	Plated polished brass on stainless steel
606	Plated dull brass on stainless steel
612	Plated dull bronze on stainless steel
613	Plated dark bronze on stainless steel
629	Stainless steel, polished
630	Stainless steel, satin

7	Buzzer (optional)
EB	Entry buzzer. Only available if Fail-Secure (FSE) is specified.

8	Allegion Connect
CON	Allegion Connect connector 6 in. wire extension harness available

6300 Series surface mounted strike for rim exit devices

Overview
Von Duprin electric strikes are known for their reliability, durability and security. The 6300 Series is designed to withstand abuse. Its heavy-duty stainless steel construction is fully UL1034 and UL10C Listed.

6300 Series electric strikes are designed for use with a variety of rim devices. It interfaces with the latch mechanism of the exit device. The movable lip (keeper) allows a door to open even when the latch bolt is extended. This feature, called remote release, provides added benefits such as increased convenience and efficiency. The 6300 Series also provides added security and traffic control.

6300 Series electric strikes are ideal for aftermarket applications. It is easy to install without modifying or altering the door frame. To assure the proper selection of an electric strike on new applications, lockset compatibility charts are shown on the next page. When using a lockset not listed or when retrofitting a strike to an existing application, please contact Von Duprin technical support for application assistance.

The 6300 is fail-secure (FSE) only to achieve compliance with UL10C for fire-rated openings. In a fail-secure application, the door is normally locked. To unlock the door, power must be applied. The 6300 strike can be used with either 12VDC or 24VDC. There are 2 connectors that ship with it and the appropriate connector for either 12VDC or 24VDC will be used, based upon the available voltage at the opening.

Features and benefits

- Non-handed design provides greater flexibility
- Requires no alteration or cutting to existing frame
- UL1034 burglary-resistant and
- UL10C electric strike for fire door
- Stainless steel (satin) finish
- Durable stainless steel construction
- Field selectable voltage 12VDC or 24VDC
- Dynamic strength 70 ft-lbs

6300 Series power requirements

Model	Voltage	Current	Duty	Amps	Ohms
6300	12V	DC	Continuous	0.50	22
6300	24V	DC	Continuous	0.24	89

Rim exit device compatibility 6300 strikes

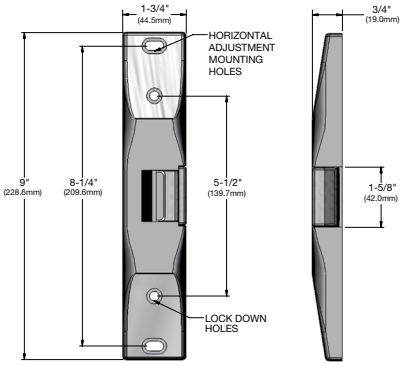
Manufacturer	Model Number
Von Duprin	VD 22/22-F Rim
Von Duprin	VD 33A/35A Rim*
Von Duprin	VD 55 Rim
Von Duprin	VD 88 Rim
Von Duprin	VD 98/99 and 98/99-F Rim
Falcon	Falcon 24/24-F Rim*
Falcon	Falcon 25/25-F Rim
Falcon	Falcon 19/19-F Rim
Falcon Doromatic	Falcon Doromatic 1590*
Falcon Doromatic	Falcon Doromatic 1790*
Falcon Doromatic	Falcon Doromatic 2090*

* Stile and frame condition may affect compatibility.

Model specifications

Model number	6300
Retrofits model	N/A
Latchbolt throw	3/4"
Face plate length	9"
Projection	3/4"
Lockset	Rim exit device
Number of doors	Single or pair with mullion
Door/frame type	Hollow metal, aluminum and wood
EB (entry buzzer)	Optional
Certifications	UL1034, UL10C, UL 294, CSFM
Application notes	Surface mounted electric strike ideal for aftermarket applications. Strike designed for use with Von Duprin 98/99, however it can be used with most rim exit devices.

6300 Series dimensions

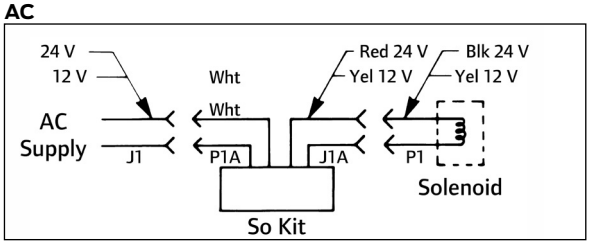


DC = Direct current

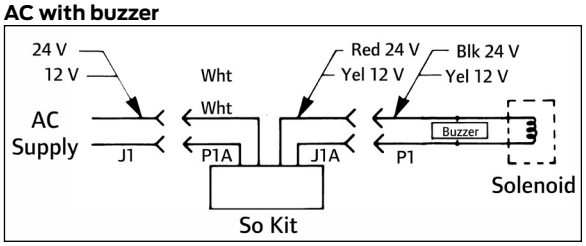
Continuous duty = Energized 1 min. or more

Note: When using device not listed or when retrofitting a strike to an existing application, please contact Von Duprin Technical Support for application assistance.

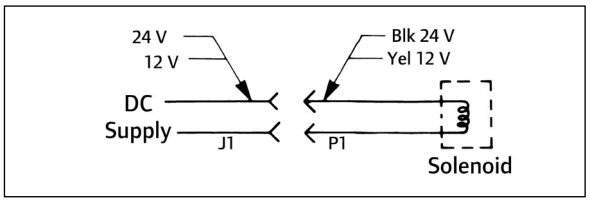
AC



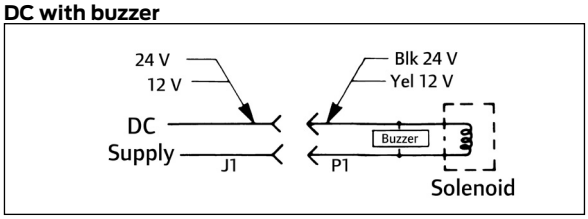
AC with buzzer



DC



DC with buzzer



Ordering information

6300 - S024 - EB

Model	Rectifier kit*	Buzzer*
1	2	3

* Optional

1	Model
6300	Surface mounted strike for rim exit devices
2	Rectifier kit (optional)
S012 S024	Converts 12 VAC voltage to 12 VDC to operate the solenoid Converts 24 VAC voltage to 24 VDC to operate the solenoid
3	Buzzer (optional)
EB	Entry buzzer

Standard features

- Power failure mode: Fail-Secure (FSE)
- Voltage: field selectable 24 VDC or 12 VDC
- Finish: stainless steel, satin BHMA 630/US32D

6400 Series modular strike for mortise and cylindrical locksets

Overview
The 6400 electric door strike from Von Duprin is designed to be modular and highly configurable to fit nearly any mortise or cylindrical lock. This versatile strike allows the installer to insert and lock-in the deadbolt keeper or plug and deadlatch ramp anywhere within its 3 1/8" vertical opening to fit the latch position and functional needs. This, combined with a 1/8" horizontal adjustment, makes this easy-to-install design a good fit for installations where misalignment or a tight fit may be a problem.

As a 3-hour UL 10C listed strike, the 6400 Series is intended as a fail-secure only solution for fire-rated openings. Its durability and quality are shown by its grade 1 certification as a heavy-duty stainless steel strike with over 2,000,000 endurance cycles.

Use it as a time-saving, "go to" strike. The 6400 comes ready for use with prewired plug-in connectors for 12 or 24 VDC voltage that can be changed over to 12 or 24 VAC without a converter kit, two faceplates – one each for offset and centerline locks as well as a trim filler plate, mounting tabs and shims and a self-adhesive template for frame cuts. An optional "plug in" latchbolt monitor is also available and can be added in the field at any time after installation.

Features and benefits

- Modular design fits cylindrical and nearly any mortise lock
- Heavy-duty stainless steel construction in BHMA 630 satin finish
- Vertical adjustments allow for alignment with a wide variety of mortise locks with offset latches
- Horizontal adjustment of up to 1/8" improves fit on tight door preps
- Can accommodate up to 1" deadbolt (for night latch only)
- Field selectable voltage 12 or 24VDC and 12 to 24VAC
- Plug-in voltage connectors are included for ease of installation and removal during strike servicing
- Optional plug-in latchbolt monitor can be added in the field
- Non-handed, unique internal solenoid design prevents keeper from heating up
- Low current draw (0.19 amps @ 24 VDC)
- Suitable for interior and exterior doors
- 3-hour fire-rated to UL 10C (fail secure only)
- UL 1034 listed for burglary-resistant electric door strikes
- UL 294 listed for access control system
- CSFM California State Fire Marshal listed
- Static strength: 1500 lbs
- Dynamic strength 70 ft-lbs

Lockset compatibility

Vertical adjustment of the deadbolt keeper or deadlatch ramp allows for alignment with a wide variety of mortise locks with offset latches. Accommodates up to 1" deadbolt*. Up to 1/8" horizontal adjustment for misaligned frames.

* Night-latch function only, bolt will not release

6400 Series power requirements

Model	Mode	Voltage	Duty	Sound	Amps[1]	Ohms[2]
6400	Fail-locked	12 VDC	Continuous	Silent	.375	37
6400	Fail-locked	24 VDC	Continuous	Silent	.190	148
6400	Fail-locked	12-24 VAC	Intermittent	Buzz	.280 - .565	37

Intermittent duty = Energized less than 1 min. with duty ratio 1:5;
Continuous duty = Energized 1 min. or more.
[1]Ratings are based on maximum current draw at +10ºC and include initial power-up current draw.
[2]Nominal resistance at +25ºC +/- 7% tolerance.

Model specifications

Model number	6400
Latchbolt throw	(Also accomodates 1" deadbolt as a nightlatch only - no release)
Backbox depth	4 7/8" (Includes two face plates: Centerline and Off-set latch entries)
Backbox depth	1 3/4"
Finish	US 32D/BHMA 630
Lockset	Cylindrical, mortise, mortise exit
Number of doors	Single
Door/frame type	Hollow metal, aluminum and wood
Options	2 Rectifier kits: • S012 Converts 12 VAC voltage to 12 VDC to operate the solenoid • S024 Converts 24 VAC voltage to 24 VDC to operate the solenoid (Entry buzzer)
Certifications	ANSI/BHMA A156.31 Grade 1, 3-hour fire rated to UL 10C (FSE only), UL 1034, UL 294, CSFM
Applications notes	Modular electric strike ideal for aftermarket applications. Fail-secure only for fire-rated openings.

6400 Series modular strike for mortise and cylindrical locksets

Wiring instructions

Use the appropriate wire harness supplied.

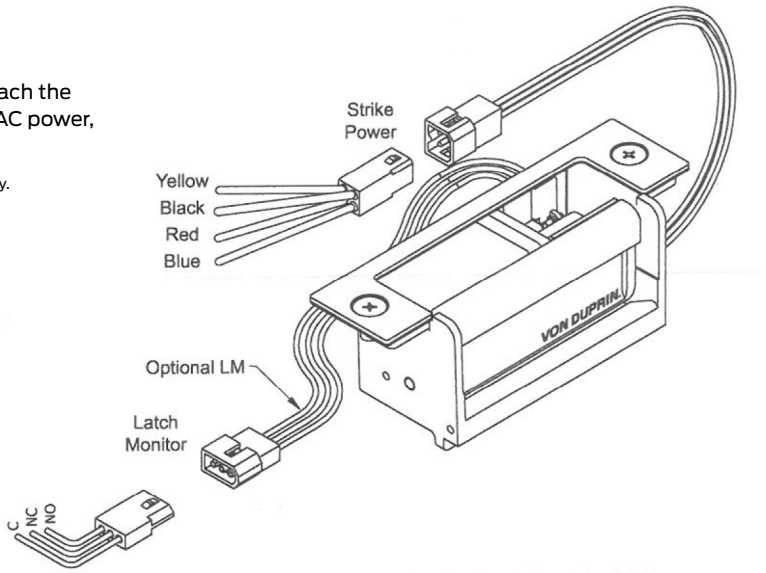
- 12V for 12VDC and 12-24VAC
- 24 for 24VDC only

Attach the red wire to (+) positive of the power supply. Attach the black wire to the (-) negative of the power supply. If using AC power, polarity is not observed.

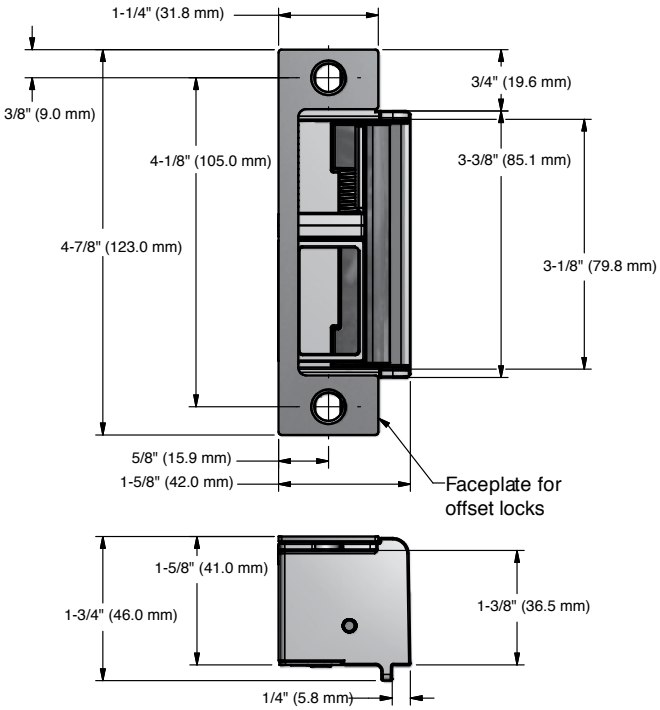
Note: If a suppression diode is required for access control, observe proper polarity.

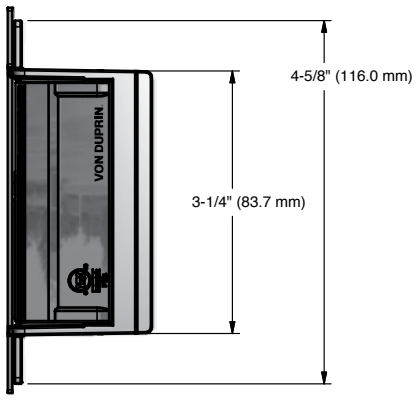
Latch monitor wires

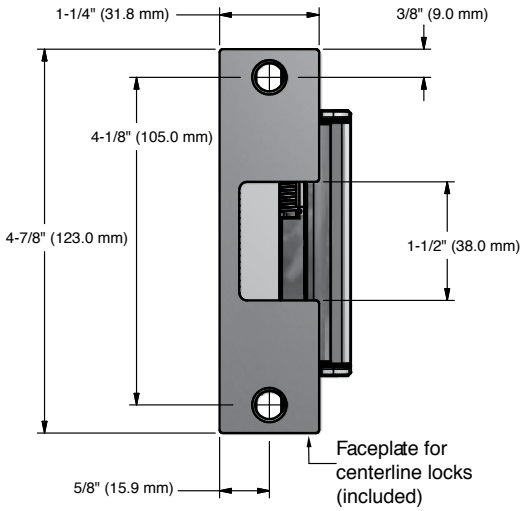
- Black = Common (C)
- Blue = Normal Close (NC)
- Orange = Normal Open (NO)



6400 Series dimensions







Note: Not to scale. Specifications are subject to change without notice.

Ordering information

6400 - S024 - EB

Model	Rectifier kit*	Buzzer*
1	2	3

* Optional

1	Model
6400	Modular strike
2	Rectifier kit (optional)
S012	Converts 12 VAC voltage to 12 VDC to operate the solenoid
S024	Converts 24 VAC voltage to 24 VDC to operate the solenoid
3	Buzzer (optional)
EB	Entry buzzer

Accessories

- LM6400 Latchbolt monitor - indicates when door is latched(ships separately)

Standard features

- Power failure mode: Fail-secure only (FSE)
- Voltage: Field selectable 12 or 24 VDC and 12 or 24 VAC voltage
- Finish: Stainless steel, satin (BHMA 630/US 32D)
- Centerline and offset face plates included
- Also includes: two plug-in voltage connectors, self-adhesive template for frame cuts, trim filler plate, mounting tabs and shims, as well as tamper-resistant screws with a security driver bit

Electric strike/lock information

Finishes

US number	BHMA number	Description	Von Duprin number
US3	—	Plated polished brass on stainless steel	85
US4	—	Plated dull brass on stainless steel	84
US10	639	Plated dull bronze on stainless steel	06
US10B	640	Plated dark bronze on stainless steel	86
US32	629	Stainless steel, polished	31
US32D	630	Stainless steel, satin	32

Wire size selection

Current requirement at 24VDC				
Length of wire run (in feet)	**0-.5 Amp**	**.5-1 Amp**	**1-2 Amp**	**2-3 Amp**
0-100	18	18	18	18
100-200	18	18	18	16
200-300	18	18	16	14
300-450	18	16	14	12
450-600	18	16	12	NR
600-900	16	14	NR	NR
900-1200	14	12	NR	NR

NR — Not recommended

Cross reference

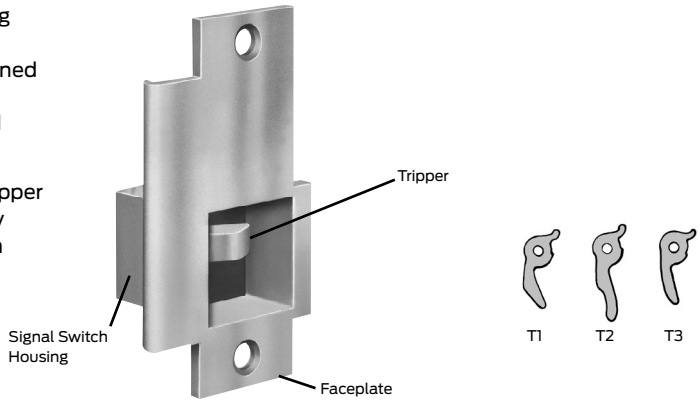
Name	Strike/Lock mounting	Number of doors	Frame materal(SGL DR) Door material(BL DR)	Faceplate length	Drop in replaces Von Duprin:	Drop in replaces Folger Adam:
6111	Rim device	Single[1]	All	6"	3031	
6112	Rim device	Single	All	9"		310-4[4]
6113	Rim device	Single	All	6"	3011, 21, 92	
6114	Rim nightlatch	Single	All	7"		310-5[5]
6121	Rim device	Double-closed back	All	9"		310-4-100[5]
6210	Mortise	Single	HM/Alu	4 7/8"		
6211	Mortise or cylindrical	Single	HM/Alu	4 7/8"	3140	712
6211AL	Mortise or cylindrical	Single	Aluminum	4 7/8"		722
6211WF	Mortise or cylindrical	Single	Wood	4 7/8"		732[6]
6212	Mortise or cylindrical	Single	HM/Alu	6 3/8"	3146	
6212WF	Mortise or cylindrical	Single	Wood	6 3/8"		
6213	Mortise or cylindrical	Single	All[2]	6"	3041, 42, 61, 62	
6214	Mortise or cylindrical	Single	All[3]	9"		310-2 3/4
6215	Mortise or cylindrical	Single	All[3]	9"		310-2
6216	Mortise and deadbolt	Single	HM/Alu	9"		310-3-1
6221	Mortise or cylindrical	Double-open back	All	6"	3071, 72	
6222	Mortise or cylindrical	Double-open back	HM/Alu	9"		310-2 3/4 OB
6223	Mortise or cylindrical	Double-closed back	All	6"	3091, 92	
6224	Mortise or cylindrical	Double-closed back	HM/Alu	9"		310-2 3/4
6224AL	Mortise or cylindrical	Double-closed back	Aluminum	9"		310-2 RF
6225	Mortise or cylindrical	Double-open back	HM/Alu	9"		310-2 OB
6226	Mortise or cylindrical	Double-closed back	HM/Alu	9"		310-2

[1]Includes double door with mullion.
[2]Recommended on wood frames only if drop in replacement is needed for 3041, 42, 61, 62 on wood frames. Otherwise use 6211WF.
[3]Recommended on wood frames only if drop in replacement is needed for 310-2 3/4, 310-2 on wood frames. Otherwise use 6211WF.
[4]Strike lip area cutout is slightly larger than Folger Adam.
[5]Surface applied strike. Mounting hole locations different from Folger Adam.
[6]Wood frame horizontal solenoid location differs from Folger Adam. May require frame prep modification when retrofitting.

Monitor strikes

Monitor strikes are designed to offer remote door monitoring through the use of a signal switch mounted in the strike to monitor the latch bolt. This series of monitor strikes is designed for use with Von Duprin and most other manufacturers' rim, mortise, surface and concealed vertical rod exit devices and cylindrical, mortise and unit type locks.

The monitor strike replaces the standard door strike. The tripper in the monitor strike is depressed when the latch bolt is fully inserted in the strike. The stainless steel tripper activates an electric switch.



Monitor strike electrical rating	
SPDT Switch (single pole double throw):	24VDC @ 2 Amps (resistive)

Note: Tripper selection is based on the throw and shape of the latch bolt.

Series 4263, 4268-T1, 4582

Model specifications

	4263	4268-T1	4582
Model number			
Lockset	Rim or surface vertical rod exit devices	Rim fire exit devices	Mortise or cylindrical locks
Number of doors	Single or pair	Single or pair	Single or pair
Compatibility (with tripper type)	Von Duprin 22, T3 2227, T1 33A/35A, T3 3327A/3527A, T3 44, T1 55, T1 88, T1 8827, T1 98/99, T3 9827/9927, T1 Monarch Rim, T3 (3/49" [19mm] throw) Yale® 1500, T1 (5/89" [16mm] throw)	Von Duprin 22/22-F 33A/35A 88/88-F 98/99 98-F/99-F	Schlage 3/4" (19mm) Cyl., T2 L90, T2 Falcon 5/8" (16mm) ML (LR), T2 Arrow™ 5/8" (16mm) ML (LR), T1 Corbin Ruswin® 5/8" (16mm) ML (LR) 5999 ML (LR), T2 Yale® 5/8" (16mm) ML (LR), T2
Certifications		UL list (GXHX R4504) fire exit hardware	UL List (GXHX R4504) fire exit hardware
Application notes	1	2	3

Application notes:

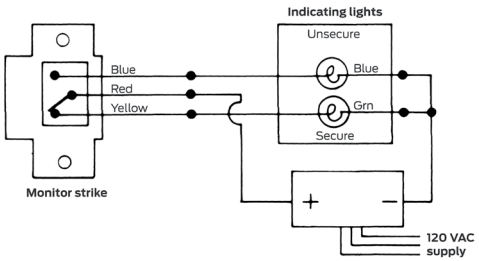
1. The 4263 is non-handed and features horizontal adjustment to compensate for misalignment of door and frame. 4263 may be used with a mullion. Tripper selection (-T1 or -T3) is based upon the lock to be used with.

2. The 4268 features horizontal adjustment to compensate for misalignment of door and frame. 4268-T1 is not for use with mullions.

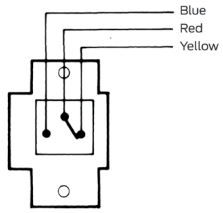
3. For use on single or pair of doors with ANSI 115.3 frame cutout (frame modification required.) Tripper selection (-T1 or -T2) is based upon the lock to be used.

Monitor strikes

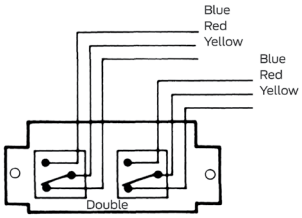
Basic monitor strike circuit



Power supply same voltage as lamps with sufficient current capabilities

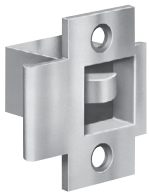


Switch shown in secure position



Switch shown in secure position

Series 4570T1, 4670-T1, 4690-T2, 4690-1-T2



Model specifications

Model number	4570-T1	4670-T1	4690-T2	4690-1-T2
Lockset	Cylindrical locks	Cylindrical locks	Concealed vertical rod exit devices	Concealed vertical rod exit devices
Number of doors	Single or pair	Single or pair	Wide stile pair of doors	Narrow stile pair of doors
Compatibility (with tripper type)	Schlage 1/29" (13mm) Cyl. 5/89" (14mm) Cyl Falcon 1/29" (13mm) Cyl. 9/169" (14mm) Cyl. Adams Rite® 4510 8400 Arrow™ 1/29" (13mm) Cyl. Best® 9/169" (14mm) Cyl. Corbin Russwin® 5/89" (16mm) Cyl. Dexter® 7/169" (11mm) Cyl. Kwikset® 1/29" (13mm) Cyl. Precision™ 1040 Automatic Flush Bolt* Sargent® 1/29" (13mm) Cyl. Yale® 1/29" (13mm) Cyl.	Schlage 1/29" (13mm) Cyl. 5/89" (14mm) Cyl. Falcon 1/29" (13mm) Cyl. 9/169" (14mm) Cyl. Adams Rite® 4510 8400 Arrow™ 1/29" (13mm) Cyl. Best® 9/169" (14mm) Cyl. Corbin Russwin® 5/89" (16mm) Cyl. Dexter® 7/169" (11mm) Cyl. Kwikset® 1/29" (13mm) Cyl. Precision™ 1040 Automatic Flush Bolt* Sargent® 1/29" (13mm) Cyl. Yale® 1/29" (13mm) Cyl.	Von Duprin 3347A-F 3347A 9947 9947F	Von Duprin 3347A
Certifications			UL list (GXHX R4504) fire exit hardware	
Application notes	1	2	3	4

* Special template required

Application notes:

1. For use on single or pair of doors with ANSI 115.2 frame cutout (frame modification required.) 4570-T1 is only used with T1.

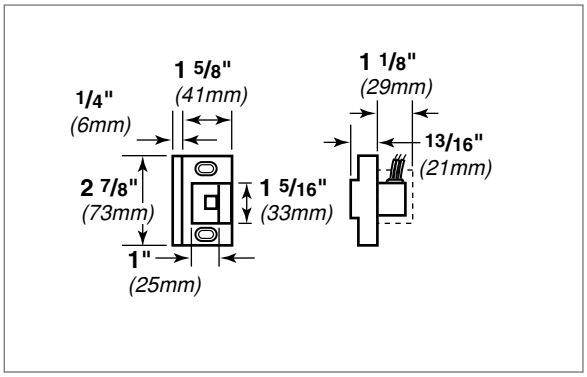
2. For use on single or double doors with ANSI 115.3 fame cutout (frame modification required.) 4670-T1 is only used with T1.

3. For use with pair of doors where one leaf has concealed vertical rods. 4690-T2 is only used with T2.

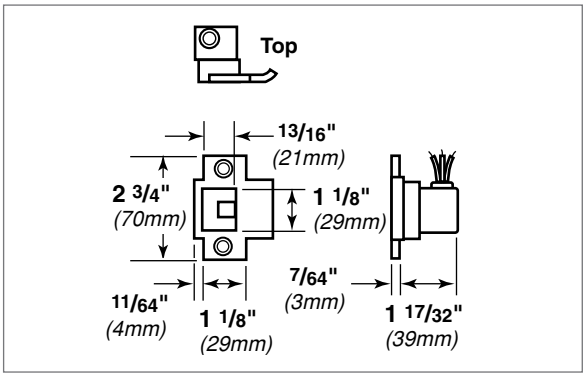
4. For use with pair of doors where both leaves have concealed vertical rods. 4690-1-T2 is only used with T2.

Monitor strikes dimensions

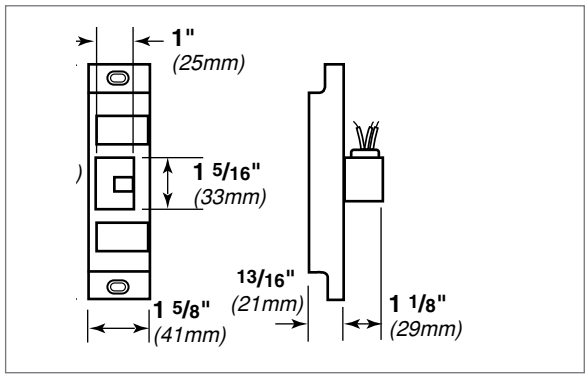
4263



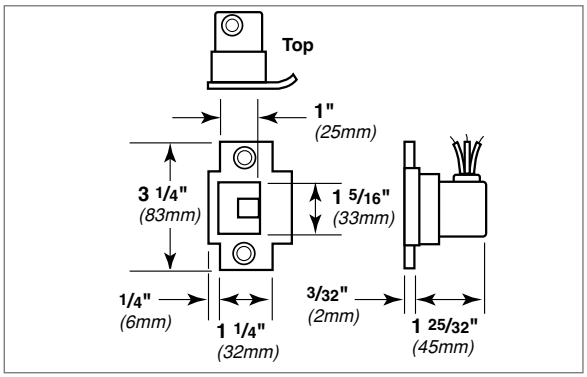
4670-T1



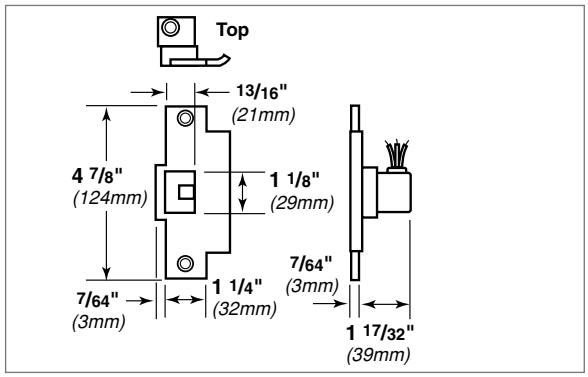
4268-T1



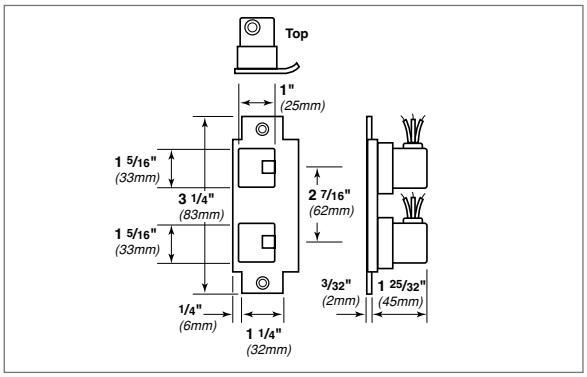
4690-T2



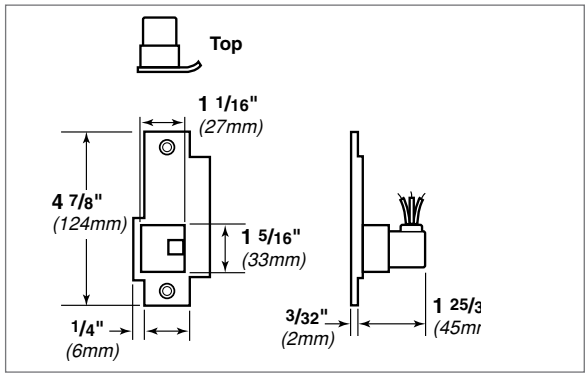
4570–T1



4690–1–T2



4582



To order, specify

1. Model
2. Tripper T1, T2 or T3
3. Handing required on model 4582, specify LHR or RHR
4. Finish: 605, 606, 612, 613, 625, 626

Latch retraction

Quiet electric latch retraction (QEL)

Quiet electric latch retraction (QEL) provides electronic control of an exit device for environments where limited operational noise is desired. These devices always provide mechanical egress. The electrified latch retraction can also be activated by an access system or building automation system to unlatch the exit device momentarily. Often the QEL is used with a credential reader and access control system to unlock the door momentarily for authorized users.

The QEL can also be configured to electronically retract the latch for an extended period of time to allow free entry. This is a convenient alternative to mechanical dogging. If manual dogging is required, the hex dogging option is available, to order specify HD-QEL. Special center case dogging is also available for 98/99 rim and vertical systems, specify SD-QEL.

The standard default QEL feature will retract the latch bolt and pushpad. If an active pushpad is required utilize the QEL-L option. This option will retract the latch bolt and maintain an active pushpad.

In some applications an audible indication of pushpad retraction is desired. The QEL-B (B-buzzer) option is a feature that can be added as a retrofit to a QEL device in the field that will send an audible notification of initial latchbolt retraction.

The QEL option is available on panic devices and fire rated devices. UL approved for Class II circuit applications.

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS902 or 914 power supply.

The PS902/914 with the 2RS, 4RL or 4R board is the minimum required. Other option boards available for other functions, see PS902/914 power supply for additional information.

The QEL has a low inrush current, so it can be used with standard Schlage power supplies. Calculate the peak current draw of all devices in the system to determine the required amperage of the supply.

The -2RS option board is designed to control two electric latch retraction devices and provide time delay.

To order, specify:

1. Standard — use prefix QEL, example QEL99L
2. Special center case dogging — use prefix SD-QEL, example SD-QEL99L

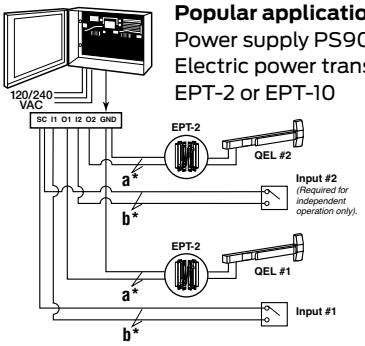
Note: Baseplate and modular QEL Conversion kits are available for field retrofit. Please see parts/service manual for part numbers.between the firing of outputs is required. The power transfer is also sold separately.

Schlage PS902	Schlage PS904	Schlage PS906
up to 2 amps	up to 4 amps	up to 6 amps

QEL Electrical load	
Voltage	24VDC
Current	1.0 A Inrush (0.5 sec.) / 0.14 A Holding

Minimum door opening widths				
Application	Surface vertical	Concealed vertical	Mortise	Rim
Min. door opening	28 1/4"	28 1/4"	28 3/4"	29 1/4"

* For 3' devices. For 4' devices, add 6".



Popular application
Power supply PS902-2RS
Electric power transfer
EPT-2 or EPT-10

a*

Distance (one-way)	Wire gauge
200'	18 AWG
320'	16 AWG
500'	14 AWG
800'	12 AWG

b*

Wire selection	Switch wire size
1200 ft. max.	18 gauge standard

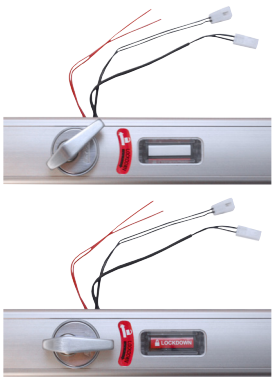
Quiet electric latch retraction buzzer (QEL-B)

In some applications an audible indication of pushpad retraction is desired. The QEL-B (B-buzzer) option is a feature that can be added as a retrofit to a QEL device in the field that will send an audible notification of initial latchbolt retraction.

ESL Von Duprin emergency secure lockdown

The emergency secure lockdown (ESL) option is ideal for high-occupancy spaces, such as auditorium-style classrooms with access control

Occupants can turn the thumb turn (or cylinder key) of the ESL option installed, interrupting the power to the QEL motor, and electronically undogging to secure pull side of the door as well as sends a signal to the access control system. The visual indication assures the occupant the exit device has been put into secure lockdown mode.



To order, specify:

- Suffix: ESL Emergency secure lockdown.
- Specify device type and length with the ESL option.

Specify handing and finish

Note: ESL requires PS902-4R for single door (add -FA if fire rated), or PS904-4R-4R for double door (add FA to both -4R boards if fire rated).

QEL Minimum door widths

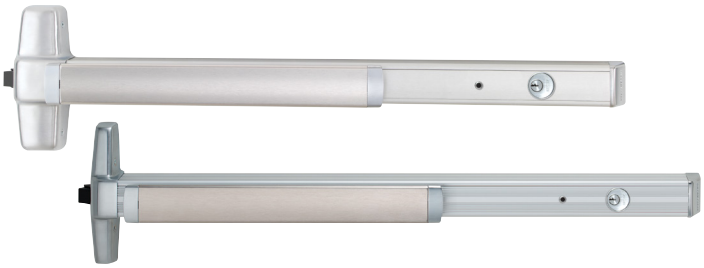
	SVR	CVR/CVC	MOR	RIM
98/99 3'	28-1/4"	28-1/4"	28-3/4"	29-1/4"
98/99 4'	34-1/4"	34-1/4"	34-3/4"	35-1/4"
33A/35A 3'	28-1/4"	25-1/4"	x	29-1/4"
33A/35A 4'	34-1/4"	34-1/4"	x	35-1/4"

QEL and ESL Minimum door widths

	SVR	CVR/CVC	MOR	RIM
98/99 3'	36"	36"	36"	36"
98/99 4'	42"	42"	42-1/2"	43"
33A/35A 3'	36"	36"	x	36"
33A/35A 4'	42"	42"	x	43"

Delayed egress

Chexit (CX) (with motor driven blocking actuator)



The Von Duprin Chexit device is designed for controlled egress applications. It meets both life safety and security needs, as well as the requirements of NFPA 101 for "Special Locking Arrangement" and IBC "Special Egress-Control Devices". All control inputs, auxiliary locking, local alarm and remote signaling outputs are self-contained in the Chexit assembly. Numerous configurable options allow the device to be customized for the specific code or application requirements. The standard Chexit device sounds an alarm and keeps the door secured for 15 seconds following an exit attempt with immediate release upon fire.

The Chexit device includes a 6" x 20" decal for application on door.

"PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS"

Chexit typical applications

Chexit single door with options – The Chexit is used as an access control device. The card reader allows access. Also shown in this application is an external horn and door position switch. The auxiliary horn is used for increased volume in remote locations.

Using a door position switch gives added security to the opening in case the door is not reclosed. Door position switch is recommended with Chexit. DPS improves security for door forced-open or held-open situations.

With the Chexit disarmed, the opening functions as a normal exit device. If card readers are required on both sides of the door, the normally closed contacts of the readers should be wired in series.

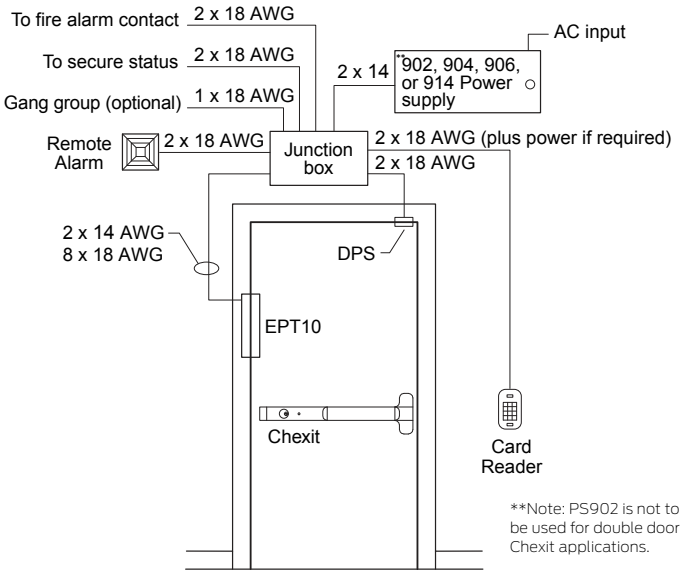


Figure 1. Riser diagram, single door

Minimum door opening sizes for CX devices

Consult factory for other size requirements.

Device	3' (914mm) Length	4' (1219mm) Length
CX33A/35A	2'10 3/4" (883mm)	3'4 3/4" (1035mm)
CX3327A/3327A-F/3527A/3527A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3347A/3347A-F/3547A/3547A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3348A/3348A-F/3548A/3548A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3349A/3349A-F/3549A/3549A-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX3350/3350WDC-F/3550/3550WDC-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX98/98-F/99/99-F	2'10 3/4" (883mm)	3'4 3/4" (1035mm)
CX-XP98/XP98-F/XP99/XP99-F	2'10 3/4" (883mm)	3'4 3/4" (1035mm)
CX9827/9827-F/9927/9927-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9847/9847-F/9947/9947-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9848/9848-F/9948/9948-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9849/9849-F/9949/9949-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9850/9850WDC-F/9950/9950WDC-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9857/9857-F/9957/9957-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)
CX9875/9875-F/9975/9975-F	2'10 1/4" (870mm)	3'4 1/4" (1022mm)

Specifications / power supply

Input voltage – 24VDC
Input current inrush – 1.25A
Input current holding – 390mA
Alarm relay and Secure relay contact ratings – 24VDC, 1A
Fire alarm, inhibit and door position switch inputs require normally closed dry contacts.

Power supply information for CX devices with motor driven blocking actuator

Power supply	Maximum number of devices
PS902 (up to 2 amps)	1 Chexit device
PS904 (up to 4 amps)	3 Chexit devices
PS906 (up to 6 amps)	4 Chexit devices
PS914 (up to 4 amps)	4 Chexit devices

When powering multiple components, verify that the amperage requirements of all components combined does not exceed the power supply output rating. Consult Installation Instructions for proper wire gauge and wire run requirements. Exceeding the recommended devices and/or not following Installation Instructions may void your warranty. For more information call Customer Care at 877-671-7011.

To order, specify:

1. Prefix product description number "CX". Ex: CX99L
2. Specify option. Ex: CX-RCM or CD-CX
3. Door size other than 3' (914mm)
4. Door thickness other than 1 3/4" (45mm)
5. Finish
6. Handing, LHR or RHR. Required with "CD" option

Note: Chexit devices built after August 24, 2015 are built using motor driven blocking actuators that have decreased power supply and operating requirements. The information listed in this catalog references the power supply and operating requirements that are needed for the new products with motor driven blocking actuators. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

RCM Remote chexit module

Designed to provide the concept of the Chexit delayed exit system for door sizes smaller than the standard device can accommodate. The Chexit module is installed in a control box and mounted on the wall next to the door. Features and functions of the standard Chexit exit device are available on the RCM.

RCM Module

Minimum door opening sizes for RCM devices

Consult factory for other size requirements.

Device	3' (914mm) Length	4' (1219mm) Length
CX-RCM33A/35A	2'5" (737mm)	2'11" (889mm)
CX-RCM3327A/3327A-F /3527A/3527A-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM3347A/3347A-F /3547A/3547A-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM3348A/3348A-F /3548A/3548A-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM3349A/3349A-F /3549A/3549A-F	2'4½" (724mm)	2'10½" (876mm)
CX3350/3350WDC-F/ 3550/3550WDC-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM 98/98-F/99/99-F	2'5" (737mm)	2'11" (889mm)
CX-RCM XP98/XP98-F/XP99/XP99-F	2'5" (737mm)	2'11" (889mm)
CX-RCM 9827/9827-F/9927/9927-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM 9847/9847-F/9947/9947-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM 9848/9848-F/9948/9948-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM 9849/9849-F/9949/9949-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM 9850/9850WDC-F/ 9950/9950WDC-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM 9857/9857-F/9957/9957-F	2'4½" (724mm)	2'10½" (876mm)
CX-RCM 9875/9875-F/9975/9975-F	2'5½" (743mm)	2'11½" (902mm)

Specifications / power supply*
Size – 3.75" x 5.57" x 2.50"
Input voltage – 24VDC
Input current inrush – 1.25A
Input current holding – 390mA
Alarm relay and Secure relay contact ratings – 24VDC, 1A
Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

To order, specify:

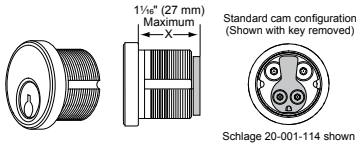
See Chexit "How to order" on previous page.

*Note: The information listed in these pages reference the power supply and operating requirements for the redesigned RCM modules with motor driven blocking actuator that launched August 24, 2015. For information on devices built previous to August 24, 2015, please contact Customer Care at 877-671-7011.

Options

Cylinder dogging (CD) — Special center case cylinder dogging option is available to allow push/pull operation of the Chexit, when disarmed and used in a heavy traffic area. Prefix device with "CD" and specify handing. (For Chexit, CD available on 98/99 rim and vertical only)

Cylinders — Cylinders are not furnished with the Chexit device and must be specified when ordering. Use 1 ¼" mortise cylinder with compression ring 36-083 with straight cam and orient cam as shown. Schlage cylinder 20-001-114 recommended for the device and the CD cylinder dogging option. See Schlage Pricebook for additional information.



DE5300 Delayed egress system

Designed for controlled egress applications when used in conjunction with a magnetic lock. It meets both life safety and security needs, as well as the requirements of NFPA for "Special Locking Arrangement" and IBC "Special Egress-Control Devices". All control units, auxiliary locking, local alarm and remote signaling outputs are self-contained in the DE5300 assembly.

DE5300 Module

The DE5300 is commonly used on narrow stile doors where a standard or narrow stile Chexit is not practical. DE5300 Delayed Exit System uses a Chexit logic board and a Von Duprin RX-LC (low current request to exit) panic device to control a Schlage Electronics Direct Hold Magnetic Lock.

The Chexit module for the DE5300 is installed in a control box and mounted in the wall adjacent to the door. Features and functions of the standard Chexit exit device are available on the DE5300.

The DE5300 device includes a 6" x 20" decal for application on door. "PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS"

Specifications / power supply requirements
Size - 3.75" x 5.57" x 2.50"
Input voltage – 24VDC
Input current – 1A
Alarm relay and Secure relay contact ratings – 24VDC, 1A
Fire alarm, Inhibit and Door position switch inputs require normally closed dry contacts.

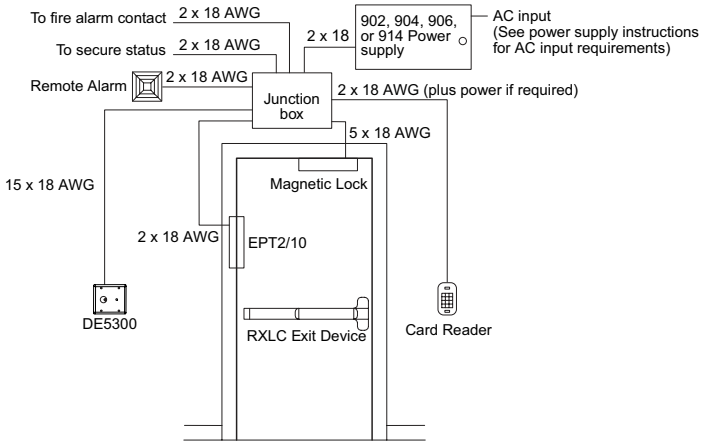


Figure 1. Riser diagram, single door

To order, specify:

1. DE5300
2. M420/P, M450/P, or M490/P magnetic lock (order direct from Schlage Electronics)
3. RX-LC 22/33A/35A/98/99 device
4. PS900 Series
5. EPT-2/10

Chexit, RCM and DE5300 features

The Chexit, Remote chexit module (RCM) or DE5300 devices have several features and options available to fit your applications. See below for more information.

Inputs and outputs

Fire alarm input
This input releases the door immediately upon a fire alarm allowing immediate egress. The internal alarm can be silenced during a fire input via an onboard switch setting.

Inhibit input (access control)
This optional input is provided to allow authorized egress or entry when the device is Armed using an external card reader, key switch, etc. It also allows remote reset of the Chexit, RCM or DE5300 in an alarmed condition. The ability to reset alarms with the inhibit input can be disabled via an onboard switch setting.

Door position switch input
An optional Door Position Switch (DPS) can provide door position status to Chexit, RCM or DE5300 for additional security, ensuring that the door is closed, and can cause alarm when the door is left or forced open.

Gang bus
The gang bus allows a Chexit, RCM or DE5300 device to signal other Chexit, RCM or DE5300 devices when it enters the release delay, allowing multiple doors to release at the same time in an emergency. Up to 8 devices may be connected to the gang bus.

Alarm relay contacts
The alarm relay contacts are provided as a means to control a remote alarm, such as a horn or lamp, or signal an external monitor. The contacts can be configured with a jumper as normally open or normally closed, and become active upon entering an alarmed condition.

Secure relay contacts
The secure relay contacts are provided as a means to signal an external monitor. The contacts can be configured as normally open or normally closed with a jumper, and become active when the DPS indicates the door is closed and the push pad is locked.

Delays

Release delay
When the push pad is pushed and the nuisance delay expires, the Chexit, RCM or DE5300 enters the release delay with alarm. During the release delay, the internal alarm sounds, the alarm relay activates, and the Chexit/RCM keeps the push pad or DE5300 magnetic lock, locked for 15 seconds (less any time already elapsed during the nuisance delay). Once started, the release delay sequence will not stop and the devices will unlock.

Nuisance delay
When a Chexit, RCM or DE5300 is located in a public area, it can be desirable to limit false releases when the push pad is accidently pushed. The nuisance delay is the brief time a push pad can be accidently pushed before the release delay sequence starts. If the nuisance time is set to 0 seconds the Chexit, RCM or DE5300 will enter release delay as soon as the push pad is pushed (when armed). Setting the nuisance time to 1, 2, or 3 seconds allows the push pad to be pressed for 1 to 3 seconds before the Chexit, RCM or DE5300 goes into release delay. If the nuisance audio and nuisance delay are both on, the internal alarm will pulse during the nuisance delay. The alarm relay does not activate during the nuisance delay. If the push pad is released before the nuisance delay expires, the Chexit, RCM or DE5300 will remain armed.

Rearm delay
The rearm delay is the amount of time after the key switch or inhibit input is deactivated to when the device rearms. It is designed to give someone time to pass through the door before rearming occurs. The rearm time can be changed via the onboard switch settings from 0 and 28 seconds in 2 second increments. If the rearm time is set to 30 seconds and a DPS is used, if the door is opened and the rearm time expires, there will be no alarm. The Chexit, RCM or DE5300 will rearm after the door is closed. If the door never opens, the Chexit, RCM or DE5300 will rearm after 30 seconds. If not using a DPS, the Chexit, RCM or DE5300 will always rearm in 30 seconds.

DPS delay
If the DPS detects that the door closed during the rearm delay, the Chexit, RCM or DE5300 ends the rearm delay and allows 2 seconds for the latch to clear the strike before rearming.

Interface

Key switch
The key switch provides the means to arm or disarm/reset the Chexit, RCM or DE5300. Turning the key switch clockwise initiates the rearm delay, and turning the key switch counter-clockwise disarms/resets the Chexit, RCM or DE5300. The key switch allows the key to be removed in either the arm or the disarm/reset position.

Status indicator
The red status indicator displays the status of the Chexit, RCM or DE5300. The status indicator flashes slow if the Chexit, RCM or DE5300 is armed, flashes fast in an alarmed mode, is off when inhibited and on solid during rearm delay.

Internal alarm
The internal alarm sounds the status of the Chexit, RCM or DE5300. The internal alarm sounds continuously during and after a fire alarm or a release delay, pulses fast during the nuisance delay or a tamper and pulses slow during disarmed powerup mode.

Settings

Armed powerup
When set to OFF, a power disruption and power return will put the Chexit, RCM or DE5300 in a disarmed, unlocked alarm mode.

Trim fail safe / fail secure (FS/FSE)
The trim input power can be set to FS (Fail Safe; locked when energized, unlocked when deenergized or during power failure) or FSE (Fail Secure; unlocked when energized, locked when deenergized or during power failure).

The trim must be bought or modified to physically function as FS or FSE. This on board setting only selects the trim input power.

Trim operation overview

Rim and vertical application
Trim will not function when Chexit is armed.

Mortise application
Trim will function when Chexit is armed.

Chexit requiring pull side operation:

	Mechanical trim	Electric trim
Rim and vertical	Access control disarms Chexit. Rotate lever to enter.	Access control disarms Chexit and unlocks electric trim. Rotate lever to enter.*
Mortise	a) Use key to unlock lever. Rotate lever to enter. ** b) Use RX996L-M to disarm Chexit. Rotate lever to enter. ***	Access control disarms Chexit and unlocks electric trim or electric mortise lock. Rotate lever to enter.

* Fail Secure Trim recommended. For Fail Safe applications, contact technical support to review application
** Do not use Door Position Switch with Chexit in this application
*** Allows free ingress at all times

Switches

Request to exit (RX)

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the pushpad.

The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

The RX switch option should not be used to control a load, but as a signalling switch (2 amps. resistive maximum).

The RX switch is available in a low current (LC) 50ma max switch. Most commonly used to signal low-current access control inputs.

To order, specify:

- Standard – Use prefix RX, example RX99EO
  Low Current – Use prefix RX-LC, example RX-LC98EO

Double request to exit (RX2)

The RX2 feature uses two RX switches.

To order, specify:

- Standard – Use prefix RX2, example RX299EO

Waterproof request to exit (WP-RX)

- Switch rated to IP67 – protected from contact with harmful dust and from immersion in water with a depth of up to 1 meter (3.3 feet) for up to 30 minutes
- **Note:** All in-field electrical connections should be in compliance with IP67 to ensure trouble free operation.

Latchbolt monitoring (LX)

The LX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latch bolt.

The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

The LX switch option should not be used to control a load, but as a signalling switch (2 amps. resistive maximum).

The LX switch is available in a low current (LC) switch. Most commonly used in computer operated monitoring systems.

To order, specify:

- Standard – Use prefix LX, example LX99EO
- Low Current – Use prefix LX-LC, example LX-LC98EO

Electrical rating for all switches:

- Standard – 2 Amp maximum @ 24VDC
- Low Current (LC) - below 50 Milliamps @ 24VDC

LXNotes:

XP 98/99 uses LX-LC, factory installed only.
98/9975, 5575, 8875 use the SS7500 lock body
LX not recommended for CVC devices.
All RX and LX switches can be factory installed; most can be field installed.

Signal switch (SS)

Monitors pushpad and latch bolt

The SS feature is used to signal the unauthorized use of an opening. This device is equipped with two internal SPDT switches. One switch monitors both the pushpad and the latch bolt assembly, making the latch bolt tamper resistant, for positive security. An additional SPDT switch is connected to the 1 1/4" (32mm) mortise cylinder with straight cam for alarm "bypass." (Schlage cam reference L583-477). The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

Pushpad reads: "Emergency Exit ONLY – Push to open and sound alarm." Pushpad is only available in US32D finish with red silk-screened lettering.

The SS mortise lock device is furnished with both the signal switch device and the SS7500 mortise lock. The SS7500 mortise lock has the versatility and advantages of the 7500 lock with the addition of signalling functions to monitor latch bolt operation and the trim locking function. The SS7500 mortise lock is supplied standard with the SS mortise lock device.

To order, specify:

1. Prefix SS, example SS99L
2. Handing required, LHR or RHR

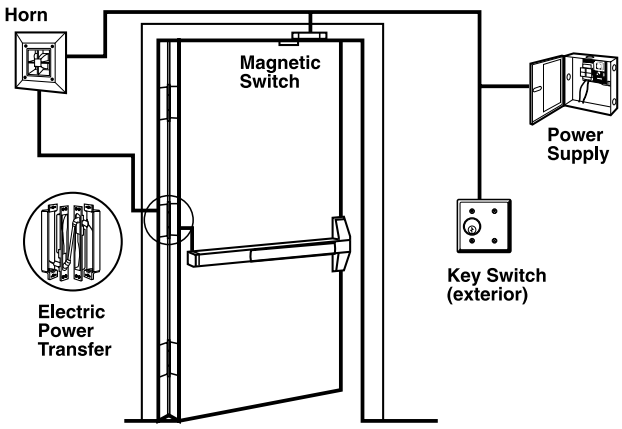
Electrical ratings:

Up to 2.0 AMPS @ 24VDC

Note: SS is a factory Installed option only.

Popular SS Application

Unauthorized use of this opening will activate the local horn. The key switch permits inhibiting this system for authorized entry.



Alarm kit

Alarm kit (ALK) is a simple yet effective way to deter unauthorized use of an opening. While the exit device is still a means of egress, the ALK kit contains an internal horn. When the touch bar is depressed, the horn sounds to provide an audible means of signaling that the opening has been violated. The alarm kit can be armed or disarmed by key thus allowing the exit device to be set in an armed or disarmed mode. The horn is rated at 85 decibels.

For hardwire applications
The assembly includes both a 24VDC Input and External Inhibit standard. The External Inhibit provides remote arming and disarming.

The key switch uses a standard 1 ¼" (32mm) mortise cylinder with a straight cam (Schlage 20-001, L583-477 cam). The unit operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal.

Auto reset (AR) option is available with this kit. This kit allows the device to resume the alarm option after a preset time. Preset times can be field selected at 1.5, 3, or 4.5 minutes.

Alarm kits are available with a choice of two switch kits, RX or LX. RX monitors the touchpad and is furnished standard. LX optional latch bolt monitoring is recommended for use with surface vertical rod exit devices or when alarm needs to sound from both the exit device and trim side of the door. Specify ALK-LX.

Note: For latch bolt monitoring on a 98/9975 with ALK, specify a SS7500 lock. LX switch not available for 98/9975 devices.

The ALK is available in two styles, 33A/99ALK, grooved cover and 35A/98ALK, smooth cover.

The ALK includes a 6" x 20" decal for application on door "EMERGENCY EXIT ONLY. ALARM WILL SOUND." RSS push bar trim can be used instead of the door decal, specify RSS push bar trim when ordering the device.

When the ALK is used, standard dogging is removed. If cylinder dogging is required there are two choices. Special center case dogging (SD) is available on 98/99 rim and vertical devices. Or, the ALK can be moved to the hinge side of the device to accommodate cylinder dogging (CD). Standard for 98/99; engineering special for 33/35A. Note size restrictions below.

To order, specify:

1. Standard, 98 ALK
2. Special center case dogging, SD98 ALK (98/99 Series rim and vertical devices only)
3. Cylinder Dogging, CD98 ALK

Minimum door opening sizes on ALK applications*

Device	3' (914mm) Length	4' (1219mm) Length
98/98-F/99/99-F	2'10" (864mm)	3'4" (1016mm)
9875/9875-F/9975/9975-F	2'10" (864mm)	3'4" (1016mm)
9827/9827-F/9927/9927-F	2'10" (864mm)	3'4" (1016mm)
9857/9857-F/9957/9957-F	2'10" (864mm)	3'4" (1016mm)
9847/9847-F/9947/9947-F	2'9" (838mm)	3'3" (991mm)
9848/9848-F/9948/9948-F	2'9" (838mm)	3'3" (991mm)
9849/9849-F/9949/9949-F	2'9" (838mm)	3'3" (991mm)
33A/35A	2'9" (838mm)	3'3" (991mm)
3327A/3527A	2'8" (813mm)	3'2" (966mm)
3347A/3347A-F 3547A/3547A-F	2'8" (813mm)	3'2" (966mm)
3348A/3348A-F 3548A/3548A-F	2'8" (813mm)	3'2" (966mm)
3349A/3349A-F 3549A/3549A-F	2'8" (813mm)	3'2" (966mm)
78/78-F/75/75-F	2'11 ½" (902mm)	3' 5 ½" (1054 mm)
7827/7827-F/ 7527/7527-F	2'11 ½" (902mm)	3' 5 ½" (1054 mm)
7847/7847-F/7547/7547-F	2'10 ½" (876mm)	3'4 ½" (1029mm)

Remote undogging and monitoring

In many institutional facilities, traffic is funneled through main perimeter openings equipped with access control. The remaining secondary perimeter openings utilize mechanical hardware, some of which is mechanically dogged (unlocked) and undogged (locked) to enable push/pull operation. The manual management and monitoring of these openings is inefficient and prone to human error.

The Von Duprin® RU retrofit kit for exit devices is a cost effective solution for these secondary openings that enables remote undogging for centralized lock down and door status monitoring. It connects wirelessly to our access control Physical Access Control Software (PACS) providers via an IP or RSI/RS-485 connection to the ENGAGE™ Gateway. It is a modular battery powered kit that can be added on to existing 98/99 and 33A/35A series devices. The RM option is a sensor only configuration for exit only or fire rate doors that require monitoring. It provides visibility to request to exit (RX), latchbolt monitor (LX) and door position switch (DPS).2 This complementary solution enhances security by expanding the reach of the access control system to secondary openings that traditionally would go unaddressed because of the cost and complexity of running wires. Bringing these secondary openings online provides a more comprehensive perimeter security package.

Features & Benefits

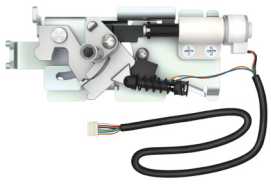
- Access control managed via an IP or RSI/RS-485 connection to the ENGAGE Gateway through PACS providers
- Modular kit compatible with 98/99 and 33A/35A series devices
- Enables undogging for centralized lockdown (via real time IP or RS-485) or scheduled lockup (via Wi-Fi or real time IP or RS-485)
- Cylinder and hex mechanical dogging is maintained but can be overridden electronically
- Enables comprehensive view of door status via request to exit (RX), latchbolt monitor (LX) and door position switch (DPS)
- Sensor only configuration version (RM) available for exit only doors or fire rated doors
- Battery life up to 2 years with 4 standard AA batteries[1]
- Electronics Certifications: UL294 indoor, FCC Part 15 - Commercial

[1] Assuming dog and undog sequence use rate is two (2) cycles per day, exception notification rate is one occurrence every two (2) days, and door use of at least 200 cycles per day (sensor and wireless activity indication).

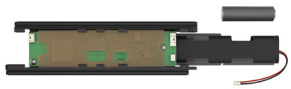
[2] RU using ENGAGE software or PAC solution via Wi-Fi is available for scheduled lock-up events only. This solution is not available for real time lockdown.

Main Components of RU Kit

Cover



Undog assembly



Battery housing/batteries/main PCB

LX/DPS and RX switch assembly

Wireless specifications	
Audits	Up to 2,000[1]
Visual communications	LED (red, amber, green)
Audible communications	Audible indicator (field configurable)
Communication standards	▪ Bluetooth® low energy (BLE) (version 4.2) ▪ Advanced Encryption Standard (AES), 256-bit ▪ 2.4 GHz Wi-Fi® (IEEE 802.11b/g/n)[2] ▪ WPA2, WPA, WEP, 802.1x ▪ Transport Layer Security (TLS) version 1.2
Communication range	Up to 30 ft.
Wake-up on radio	Responds to command from host in less than 5 seconds when linked to ENGAGE Gateway (requires PACS provider system)
Connectivity options	▪ IP or RSI/RS-485 connection to the ENGAGE™ Gateway ▪ BLE to mobile devices ▪ BLE to ENGAGE Gateway ▪ Wi-Fi (ENGAGE software enabled or PAC enabled where integrated)[2]
Battery life	Up to 2 years with 4 AA batteries[3]
Operating temperature	-4º to 140ºF (-20º to 60ºC)
Operating humidity	0 - 100% non-condensing
Certifications	**Exit devices will maintain the following:** BHMA A156.3 (Grade 1), UL305, Windstorm WX98/9927, Tornado FEMA 361 ANSI/ICC500, ADA ANSI A117.1, UL 10C 3 hour, ANSI/BHMA 156.18-2012 QUV **Electronics Certification:** UL294 indoor, FCC Part 15 - Commercial

Available Status Signals

- Request-to-exit
- Door position
- Interior cover tamper[4]
- Magnetic tamper
- Battery status
- Dog/undog status[5]
- Communication status[4]

[1] Maximum audit storage capacity of lock. Can vary upon access control software audit storage capacity when linked with an ENGAGE Gateway RS-485 to ACP.

[2] For offline management only.

[3] Assuming dog and undog sequence use rate is two (2) cycles per day, exception notification rate is one occurrence every two (2) days, and door use of at least 200 cycles per day (sensor and wireless activity indication).

[4] Consult your access control software provider for specific scope of support.

[5] Software indicates dog/undog status based on sequence of events.

Mechanical specifications	
Dogging options	Cylinder dogging, hex dogging
ANSI standard (meets or exceeds)	ANSI/BHMA A156.25-2013 (indoor/outdoor) ANSI/BHMA A156.2-2011, Series 4000, Grade 1

Compatible exit devices	33A/35A*	98/99*
RIM	•	•
SVR	•	•
CVR	•	•
CVC	•	•
Mortise	–	–
3 pt. latch	•	•

* For devices manufactured after 9/1997.

Compatible device lengths
For Remote undogging (RU) module installation: All 33A/35A and 98/99 device types – 3' (914 mm) length to 2' 9" (838 mm), 4' (1219 mm) length to 3' 3" (991 mm)
For Remote monitoring (RM) module only: All 33A/35A and 98/99 device types – 3' (914 mm) length to 2' 83/4" (832 mm), 4' (1219 mm) length to 3'23/4" (984 mm)
For Remote monitoring (RM) module with EL/QEL: All 33A/35A and 98/99 device types – 3' (914 mm) length only, 4' (1219 mm) length to 3' 51/8" (1045 mm)

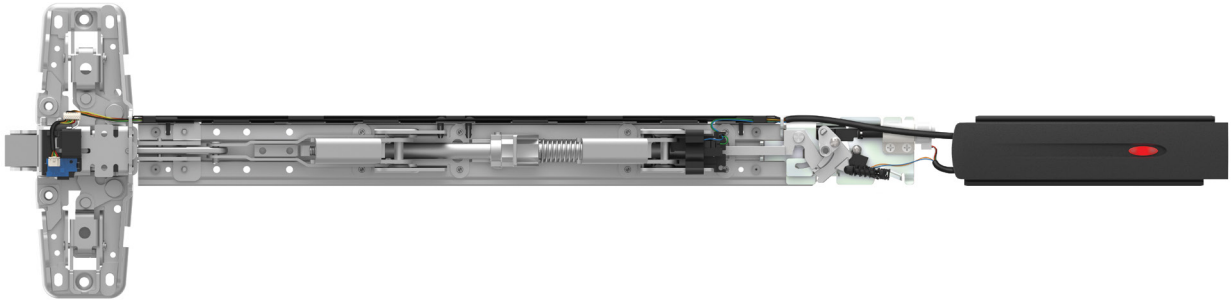
How to order	
Remote undogging	
RU 3' kit	47258681
RU 4' kit	47258682
Remote monitoring	
RM 3' kit	47258683
RM 4' kit	47258684

Note: Specify CON for Allegion Connect.

RU not compatible with exit devices with the following options:
QEL, DI/CDSI/HDSI, RX2, AD, SD, SS, PN, ES/PL, CX, XP

RM not compatible with exit devices with the following options:
DI/CDSI/HDSI, RX2, AD, SD, SS, PN, ES/PL, CX, XP

If the door and exit device are fire rated, and the exit device type is a 98/99-F Rim manufactured prior to April 1, 2018, a new center case will be required before proceeding with the installation of the RM kit. 98/99-F Rim Center Case Kit Less Cover, part number 050026.



Motor driven electrified trim

* Sizes shown are without CD option.
- 3' devices with CD: cannot be cut.
- 4' devices with CD: cut off 6" maximum

M996L/L-BE motor driven electrified breakaway lever trim provides remote locking and unlocking capabilities while incorporating the patented vandal-resistant trim design.

The motor can be energized from a distant controller, thus allowing access control of the opening. The control of stairwells in high-rise buildings is a common application for this trim. When electrically unlocked, the lever is operable. When electrically locked, the lever is rigid.

The vandal-resistant breakaway feature engages when more than 35 lbs. of torque pressure is applied to the locked lever. In breakaway mode, the lever dangles, internal components are protected from breakage, and the trim remains locked. Lever position is restored simply by pulling up on the lever.

The trim works with either 12VDC or 24VDC power supplies. The trim also comes with a field selectable dip switch for either Fail Safe (FS) or Fail Secure (FSE) functionality—no special configuration required.

The M996 key bypass options are:

- M996L (key functions as night latch mechanical override)
- M996L-BE (no key override, blank escutcheon)

The M996 trim can be ordered with a device, added to an existing 98/99 series device application, or a conversion kit can be added to an existing 996L/996L-BE, or E996L/E996L-BE trim.

Features and benefits

- Vandal-resistant breakaway lever
- Dual voltage - works with either 12VDC or 24VDC power supplies
- Furnished Fail Safe (FS); convertible to Fail Secure (FSE) via dip switch
- Key bypass override (M996L), or no key bypass with blank escutcheon (M996L-BE)
- Field retrofit kits work for either mechanical 996 or updating solenoid driven E996
- Available with Allegion Connect (-CON)
- Field-reversible handing VonDuprin.com

Specifications*

24VDC FSA	0.08 amp in-rush*, 0.01 amp holding
24VDC FSE	0.59 amp in-rush*, 0.01 amp holding
12VDC FSA	0.13 amp in-rush*, 0.01 amp holding
12VDC FSE	1.12 amp in-rush*, 0.01 amp holding

To order specify

- Use “M” prefix, example M996L
- Device type: R/V (rim/surface or concealed vertical rod/cable) or M (mortise)
- Fail mode: Furnished Fail Safe (FS) only; field convertible to Fail Secure (FSE) via dip switch
- Lever style: 06 lever is furnished standard if not specified
- Handing: RHR or LHR (RHR is furnished standard if not specified; field reversible)
- Finish: 605, 606, 612, 613, 619, 622, 625, 626, 643e,693, 695
- Allegion Connect: Specify -CON if desired
- When ordering with device specify trim series with “M” prefix, example 9927L-BE 3' US26D M996L-BE
- When ordering M996 conversion kit, specify:

Description	Part #
996 R/V/C conversion to motorized kit	47273111
996 Mortise conversion to motorized kit	47273112

Note: For more ordering details, please reference Von Duprin catalog and price book.

M996L electrical wiring

- Power input for M996L/L-BE is either 12 VDC or 24 VDC
- Two wires on the trim are non-polarized (18 AWG minimum)

Power supply requirements

Fail secure applications

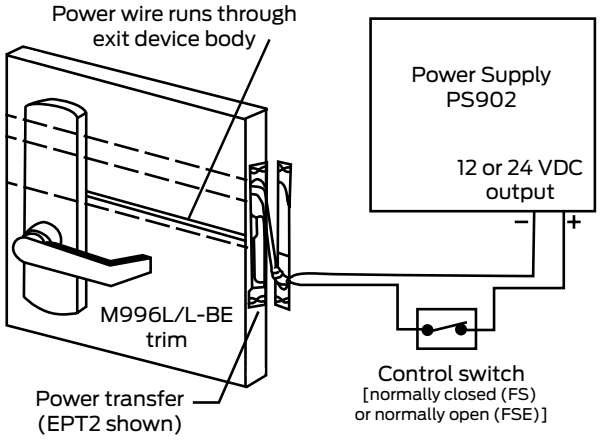
Maximum M996 per power supply (in-rush consideration) – no logic board case shown in chart

Power Supply	12VDC	24VDC
PS902*	2	4
PS904/PS914*	4	8
PS906	6	12

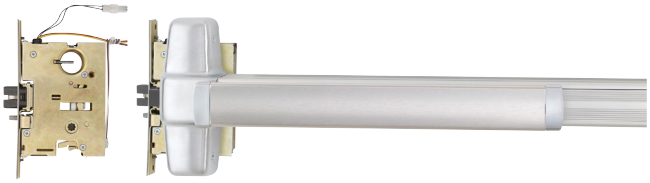
*Adding 4RL board sequencing allows additional M996 per power supplies.

Fail safe applications

Total in-rush of all M996 not to exceed power supply maximum current.



Electrified mortise lock device



The electric mortise lock device has all the versatility and advantages of the standard mortise lock device, plus the advantage of being electrically controlled by a remote switching device, an access control system or an automatic fire alarm system. The device features the E7500 mortise lock. The E7500 controls the locking of the outside trim. When unlocked, the door remains latched, preserving the fire rating of the door and making it particularly useful where codes permit locking but require unlocking during a fire emergency. The outside trim cylinder retracts the latch bolt for mechanical override, night latch function. Only available with TP, K or L functions.

The E7500 lock contains a SPDT signal to monitor the outside trim condition (locked or unlocked) and a second SPDT signal switch to monitor the latch bolt.

Standard features:

- Field reversible handing
- 24 VDC continuous duty solenoid

Optional features:

- Fail safe (locked when energized, unlocked when de-energized or during power failure). Specify with suffix “FS.”
- Fail secure (unlocked when energized, locked when de-energized or during power failure). Specify with suffix “FSE”
- 24 VAC (with SO option)
- 12 VDC
- 12 VAC (with SO option)

Note: Some Fire codes will require “Fail Safe” (FS) operation for stairwell doors.Be sure to specify the correct operation for your application.

Electrical specifications:

- Solenoid — .60 AMPS @ 12VDC
.30 AMPS @ 24VDC
- Each switch — Up to 2.0 AMPS @ 24VDC Maximum

The E option does not include the power transfer from door to frame, the power supply or the control operator. (Refer to EPT-10 and PS900 power supplies)

To order, specify:

1. When ordering complete exit device, use prefix “E,” example E9975.(When ordering the lock body separately, use E7500)
2. FS or FSE
3. 12V or 24V
4. See 98/99 Series catalog for lever design options.
5. DC or AC current

Note: Prior to ordering, check device catalog to confirm compatibility with a specific device.

Electric mortise lock device

Adaptable for openings where continuous latching is required while the trim may be electrically locked or unlocked from a remote location—stairwells, exterior doors, etc.

Minimum system requirements:

- PS902
- EPT-10 or electric hinge

Power supplies

PS900 Series power supplies

Overview

The PS900 Series is a consolidated line of power supplies and accessories that offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 Series can be used in a variety of applications to convert high voltage AC power into the regulated low voltage DC outputs required by most access control devices. The PS900 Series protects devices downstream by providing Class 2*, filtered and regulated power. The full line is UL294 certified.

Features

- Constant output rating at both 12 VDC or 24 VDC provides superior performance ; includes field selectable jumper
- Flat mounting of option boards provides easier access to terminal blocks for connection of electrified devices
- High voltage protective cover
- Battery back-up board auto-selects voltage
- Fire alarm relay can be configured to provide either switched or un-switched outputs from a power supply
- PS914 designed with high inrush current for powering solenoid-driven EL exit devices
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Fused primary input
- AC status monitor- isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover with lock down screws

Certifications

- UL 294 certified—the standard for access control
- Class 2 rated*

The PS900 Series offers a variety of distribution options, including basic fuse protection, simple relay, and advanced logic providing complex sequencing and timing functions.

Connectors on the power supply

Product	Schlage PS902	Schlage PS904	Schlage PS906	Von Duprin PS914
Amperage	2 amps	4 amps	6 amps	4 amps with 16 amp inrush
Distribution boards	1	2	3	2
Battery back-up board	1	1	1	1
EL Compatible	No	No	No	Yes

Applications

The PS900 Series of power supplies works with many electrified devices including Schlage electromagnetic locks, Schlage AD-Series hardwired locks, Schlage electrified mechanical locks, Von Duprin electrified strikes , Von Duprin exit devices, and many other brands.

Accessories

The PS900 Series features seven option boards for use in a variety of applications. All PS900 Series power supplies option boards are UL 294 certified.

Option boards

900-4R: 4 relay controlled output board to power multiple devices

900-4RL: 4 relay distribution board with logic is field configurable for time delay function, auto operator, security interlock

900-8F: Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection

900-8P: Provides 8 individually PTC -protected (thermally protected) outputs, giving the flexibility to power multiple devices and provide another layer of protection

900-FA: Emergency interface relay integrates with fire alarm and is used to cut power in case of emergency**

900-BB: Battery backup

900-2RS: 2 relay control board for electric latch panic devices (EL or QEL), electric strikes or electrified trim

900-BBK: Battery backup kit includes two 7A/hr batteries and provides up to four hours of backup power when cycled every 5 minutes at full load

Additional options

900-KL: Key lock

BAA: Buy American Act compliant product

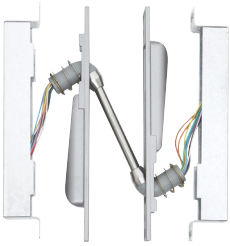
* PS906, output rating exceeds Class 2 power limits, but can provide Class 2 rated outputs when used with 900-8P distribution board.

** One fire alarm board can be connected directly to the PS902. If a fire alarm board is desired for the PS904, PS906 or PS914 it can be connected to a distribution board.

Power transfers

Electrical power transfer (EPT)

Pneumatic transfer (PNT)



Electric Power Transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideal for installations involving abuse or heavy traffic.

Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires. The EPT-2, EPT-10, and PNT-1 are UL listed as "miscellaneous fire door accessories". UL Listed for use on fire doors. PNT-1 has one 5/32" tube.

Door applications:

Degree of opening	Hinge type	Door thickness
0-180	Up to 5" butt hinges	1 3/4"
0-180	Up to 3/4" offest pivots	1 3/4"
0-130	5 1/2" butt hinges	1 3/4"
0-110	6" butt hinges	1 3/4"
0-90	Swing clear hinges	1 3/4"

Finishes

622 - Powder coated matte black

689 - Powder coated aluminum

695 - Powder coated bronze

Dimensions

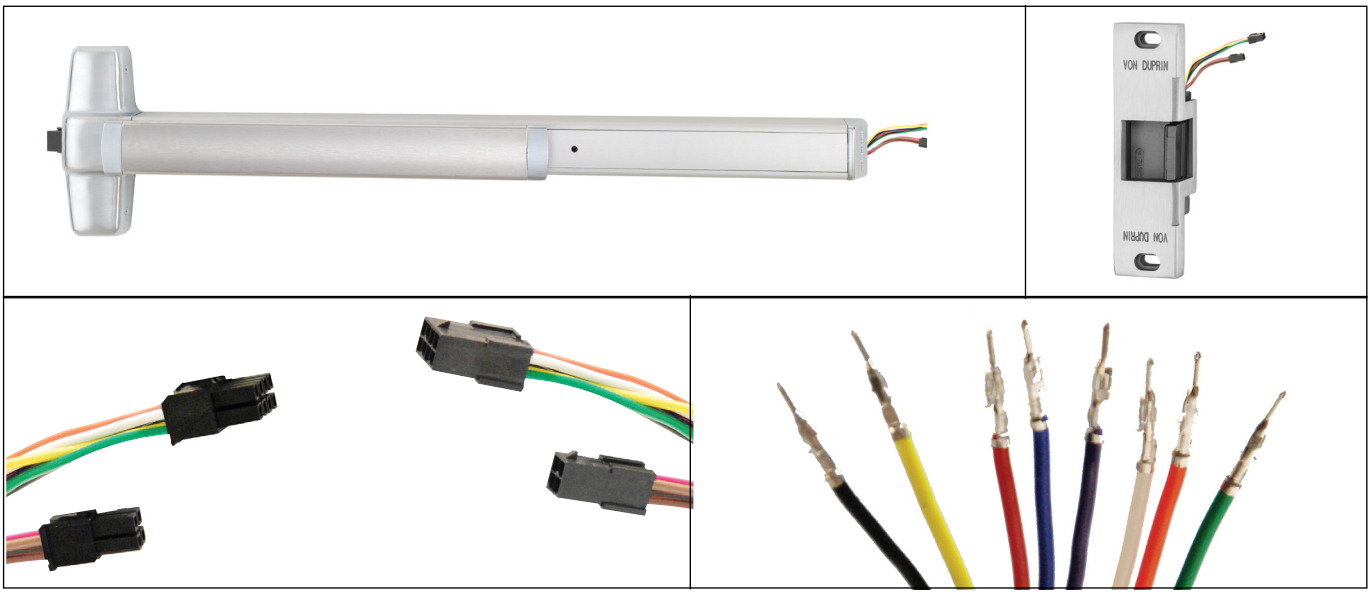
Housing	9" x 1 1/4" x 1 5/8" (229mm x 32mm x 38mm)
EPT-2	Two 18 gauge wires, Up to 2 AMPS @ 24VDC, with a 16 AMPS Maximum Surge
EPT-10	Ten 24 gauge wires, Up to 1 AMPS @ 24VDC, with a 16 AMPS Maximum Surge
PNT-1	5/32" Tubing

To order, specify:

1. EPT-2 ,EPT-10 or PNT-1

2. Finish: 622, 689, 695

Allegion Connect

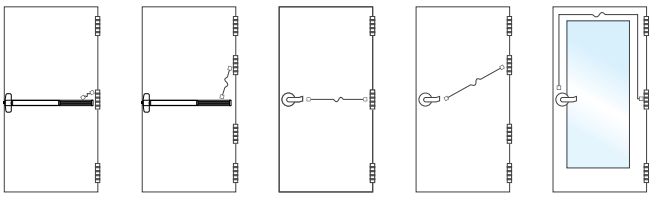


Allegion Connect features common interconnect components for many cross-category electrified options. Allegion Connect is a quick and easy way to connect power sources. There is no wire cutting; reducing installation and maintenance time ultimately cutting cost. After installation, Allegion Connect continues to provide benefits throughout the lifetime of the opening by offering a service kit for repairs or modifications in the future.

Features and benefits

- Quick: common connections reducing installation time
- Perfect Connections: these factory installed connectors ensure the right wires match up every time
- Protective: the connectors protect the connection points throughout the installation process and lifetime of the opening
- Interchangeable: all Allegion Connect products utilize the same connectors
- Maintenance: you no longer need to cut away wire to disconnect Allegion products, also available as a service kit specifically for Connect products.

Wire run options



Harness length	Connectors on both ends	Connectors on one end, crimped pins on the other end
6 Inches	CON-6	CON-6P
12 Inches	CON-12	CON-12P
26 Inches	CON-26	CON-26P
32 Inches	CON-32	CON-32P
38 Inches	CON-38	CON-38P
44 Inches	CON-44	CON-44P
50 Inches	CON-50	CON-50P
192 Inches	CON-192	CON-192P
Power Supply Wire Harness = Connectors on one end, stripped leads on the other end		
6 Inches	CON-6W - wire extension to power supply	

Consult door manufacturer for harness length requirements.

Note: You will need to purchase a separate wiring harness to go from exit device to hinge/EPT and an additional harness to go from hinge/EPT to power supply or access control system. Harness part numbers with ordering information can be located in the Schlage, Von Duprin and Falcon pricebooks. A service kit is available for order in the Schlage, Von Duprin and Falcon pricebooks. Included in this kit are male end plugs, female end plugs and pins to customize harnesses to your application.

Note: Must be ordered with exit devices and locks

To order, specify:

1. Specify CON for Connect electronic options
   Example: QEL-99-EO-CON (99 Series quiet electric latch retraction exit only with Connect connectors)
2. Specify harness length; Consult door manufacturer for harness length
3. Specify Von Duprin EPT10-CON or Ives electrical thru-wire hinge

RX330/RX350 Push pad

RX330

RX330 and RX350 bar features an active push pad with monitoring switch or “request to exit” switch, used to inhibit alarms for authorized exiting. The 330 grooved outer case and the 350 smooth outer case are designed as companion units for series 33A, 35A, 98 and 99 exit devices.

The internal SPDT switch should not be used to control a load, but as a signaling switch.

Minimum door openings:

3' (914mm)	2'6" (762mm) to 3' (914mm)
4' (1219mm)	3'1" (940mm) to 4' (1219mm)

To order, specify:

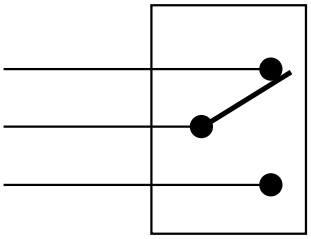
1. Prefix series 330 or 350 with “RX”

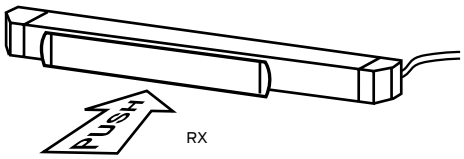
Example, RX330

2. Size 3' or 4' (3' supplied standard if size not specified)
3. Finish: 605, 606, 612, 625, 626, 628, 7f10, 711

Specifications

SPDT 0.5 ampere @ 24VDC





RX

GUARD-X Exit alarm lock

2670 GUARD-X provides secure, alarmed code-compliant protection for secondary emergency exits. The GUARD-X exit alarm lock readily identifies the door on which it is mounted as an emergency exit and secures the opening against unauthorized use. It is ideal for deterring theft in restaurants and retail establishments such as: discount stores, grocery stores, drug stores, clothing stores and sporting goods stores.

The GUARD-X lock provides secure protection through a large stainless steel deadbolt, which is 2" x ½" (51mm x 13mm) and has over ¾" (19mm) throw. The engagement area into the strike is over 1 ¼" (32mm) square inches. The latch case protects the internal mechanism and resists tampering or vandalism from inside the door. This unit has been tested to withstand up to 1600 pounds of static load force against the door.

GUARD-X does not allow re-latching or resetting the alarm after an unauthorized exit, other than by an authorized person with a key. A 100-decibel alarm provides clear, attention getting warning for an unauthorized exit or attempted exit. The armed indicator light informs the owner that the alarm is armed, and an audible low-battery alert signals the owner to replace the battery when necessary.

A standard 9-volt battery powers the alarm. An exterior 9-volt power supply is available, Model PT-790, a 120VAC plug-in. When using the external power supply, the 9-volt battery functions as a battery backup during a power failure.

GUARD-X is armed and disarmed by key using a standard rim cylinder. It can be operated from the building exterior by a standard rim cylinder, so an authorized user can easily arm and disarm it to enter or exit the building when required. When using exterior operation a pull trim is recommended, use 210DT or 230DT. Rim cylinders are not furnished and must be ordered separately.

The 267 strike is furnished standard for single door applications. The optional 2609 strike is available for double door applications.

Specifications

Touchbar height to finished floor	40" (1016mm) at center
Door width range	36" (914mm) to 48" (1219mm)
Touchbar projection —	
neutral	4 1/8" (103mm)
depressed	2 3/4" (70mm)
Latch case housing	7" (179mm) x 4 1/16" (103mm) x 4 1/8" (105mm)
Device length	32 1/2" (826mm)
Minimum stile requirement	Single door - 5 7/8", Double door - 6 1/4"

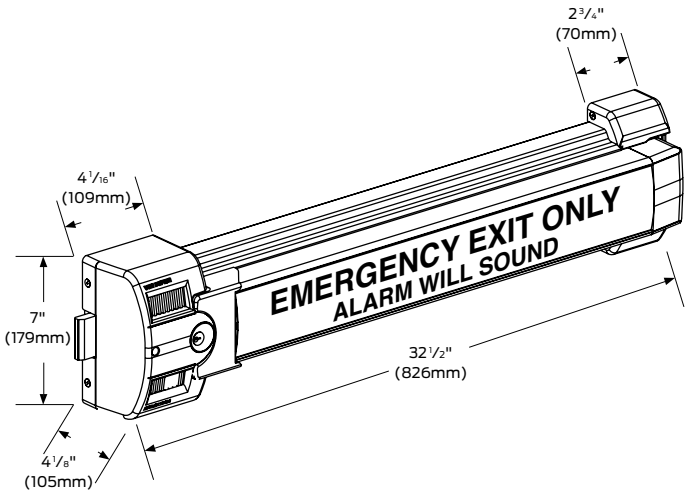
Note: Von Duprin trim does not thru-bolt to the Guard-X. Ives door pulls 8102-6 and 8105-6 offer dimensions that align and thru-bolt to the Guard-X Exit Lock - Order separately from Ives.

The GUARD-X non-handed design means the installer can mount it for either hand by just removing and reversing the "EMERGENCY EXIT – ALARM WILL SOUND" sign built into the device. The standard warning sign is in English with Braille; French and Spanish are available.

GUARD-X is UL/cUL listed for Panic Exit Hardware, complies with NFPA 101 Life Safety Code, meets UL305 requirements and is tested in accordance to ANSI A156.3 Grade 1 Panic Hardware. It is compliant with NFPA 101 Life Safety Code by providing a push pad that extends at least one-half the width of any door from 36" to 48" wide. The impact-resistant end caps meet UL305 requirements by providing a design that will not catch on clothing during egress.

To order, specify:

1. Model 2670
2. Finish: 628, 710, 711
3. Strike if other than standard 267
4. Language if other than English
5. Specify rim cylinder or sex bolts if required
6. Outside trim if needed

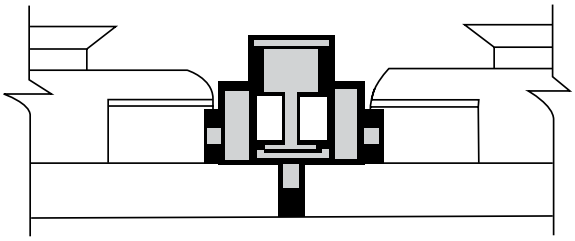


Mullions

Electrified removable mullions are used with pairs of doors equipped with rim mounted exit devices.

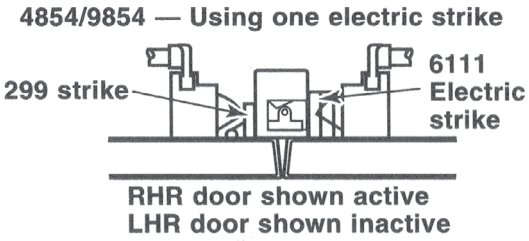
Each includes an electric cable with five conductors wired to a twist-apart plug. The soffit fitting is supplied with a pre-wired mating socket.

4754 — Prepared for two 4263 monitor strikes. Use with all Von Duprin rim panic devices.



4854 — Prepared for one 6111 electric strike and one 299 strike. Indicate handing for electric strike.

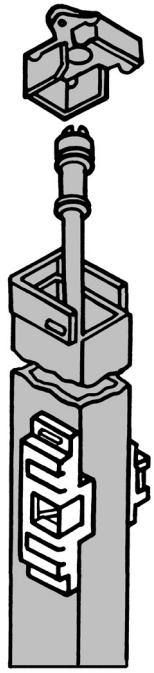
9854 — Prepared for one 6111 electric strike and one 268 or 499F strike. Indicate handing for electric strike. UL Fire labeled for up to 3 hours on up to 8' x 8' (2438mm x 2438mm) openings using Von Duprin fire exit rim devices.



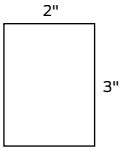
KR - Keyed removable option available on electrified removable mullion. Makes removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without use of the cylinder key. Uses 1¼" mortise cylinder with a straight cam (Schlage cam reference B502-191). Cylinders are sold separately. Prefix mullion model with "KR".

To order, specify

1. Model number
2. Height of opening
3. Finish: 628, 693, 695
4. Handing if required
5. Centerline deviation (refer to device template for standard centerline)
6. Strikes, when required, should be ordered with device
7. For keyed removable option prefix model number with "KR", example KR9854



Steel mullion dimensions



Wall Thickness ⅛" (3mm)

Sizes for mullions

4754, 4854, 9854

7' 2" (2184mm)

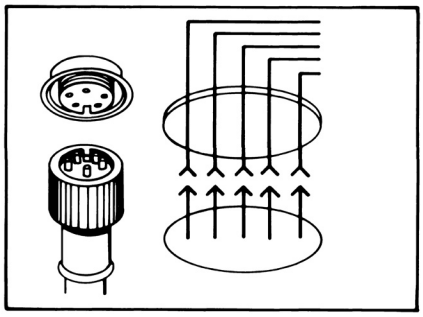
*8' 2" (2489mm)

*10' 2" (3099mm)

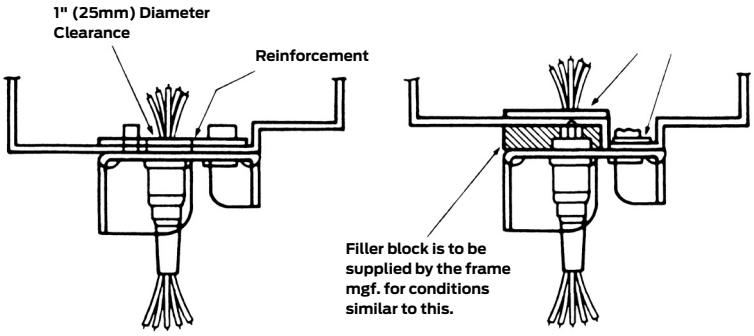
KR4754, KR4854	KR9854[2]
7' 6" (2286mm)	7' 5" (2261mm)
8' 6" (2591mm)	8' 5" (2565mm)[1]
10' 6" (3200mm)	10' 5" (3175mm)[1]

[1] Only qualifying applications will be provided with UL Label.
[2] See exit device catalog for allowable heights for fire rating.

Quick disconnect



Soffit details



Lever styles

Decorative levers

M51 [2]

M52 [2]

M53

M54

M55

M56

M57 [1]

M61 [3]

M62 [1,3]

M63 [3]

M81 [2]

M82

M83

M84

M85 [3]

1. Available in Stainless Steel substrate ONLY.
2. Knurling available.
3. Handed.

Standard levers

01

02 [2]

03 [1,2]

05

06 [1] (Default lever)

07

12 [3]

16 - Omega

17 [1,2]

18

ACC [3] - Accent

AST [3] - Asti

MER [3] - Merano

LAT [1] Latitude

LON [1] - Longitude

1. Available in Stainless Steel - specify SS when ordering
2. Knurling available.
3. Handed.

About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a $2 billion company, with products sold in almost 130 countries.

For more, visit **www.allegion.com**

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ALLEGION™

VON DUPRIN®

Auxiliary Hardware & General Information

Exit Devices

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Symbols

Indicates fire rated application

Customer Service

US: 877-671-7011, Option 1
CAN: 800-900-4734
Support@Allegion.com

Technical Support

877-671-7011, Option 2
Exits_TechProdSupport@Allegion.com
YouTube.com/VonDuprinSafety

Ordering

Allegion_Orders@Allegion.com
eFax: 800-999-0328

PUSHING FORWARD™

Over a century ago, Von Duprin invented the first self-releasing fire exit device. Today we continue to push the envelope by delivering innovative solutions to challenging applications. Our durable panic and exit door hardware products are proven to perform and are backed by a team of experts. We provide flexible solutions and modular options to protect your investment well into the future.

Quality

Von Duprin leads the industry with durable solutions that are proven in the field to perform under heavy use and abuse and backed by a team of experts experienced in door hardware application and code compliance.

Flexibility

Von Duprin empowers you to embrace change by providing flexible solutions that can be modified over time as new trim, functions or other options are required, protecting your investment well into the future.

Trust

Von Duprin designed the first self-releasing fire exit device more than a century ago and continues to advance fire and life safety, with innovation and best-in-class support to address your most challenging applications with code compliant solutions.

ABOUT VON DUPRIN

As the pioneer in the industry, Von Duprin continues to advance the industry through customer-centric innovation, which delivers solutions to the most challenging applications.

Backed by high quality standards, Von Duprin exit devices were among the first in the industry certified to ANSI/BHMA A156.3 (2014) Grade 1. Our exit devices are tested to the highest standards and proven in the field to perform under heavy use and abuse, giving you peace of mind both now and in the future.

The versatile design can be easily upgraded to connect to a larger electronic ecosystem, empowering you to adapt with flexible solutions. You can configure numerous variations in the field without replacing your device and protecting your investment. This makes upgrades easy and cost effective.

Flexible Solutions for Real-World Applications

Our brand's reputation, respect and legacy stem from that first exit device in 1908—and they continue because of the quality of Von Duprin® products we've produced since. Today, Von Duprin remains the trusted name in the industry by engineering products that meet the highest industry standards for fire and life safety. It's this dedication to providing customers with dependable products that ensures you can put your trust in the Von Duprin brand.

Passion Driving Performance

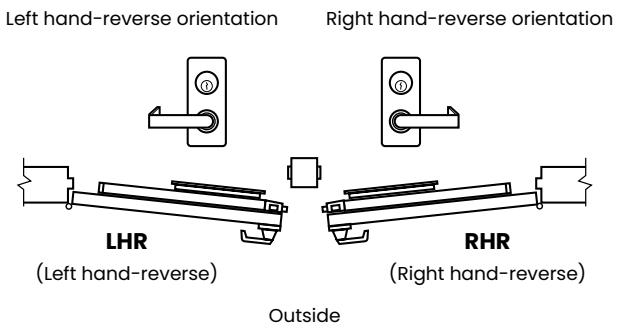
Von Duprin's exit devices offer durable solutions that are proven in the field to perform under heavy use and abuse and backed by a team of experts experienced in door hardware application and code compliance. Allegion stands behind every Von Duprin product we make with unparalleled customer support thanks to our team of experts based in the U.S. that average more than 15 years of experience, so you are assured to receive expert advice.

ANSI Functions for Exit Hardware

A variety of ANSI functions are offered with each series. Each device section of the catalog contains a chart showing the ANSI types and functions available in the series.

Function	
01	Exit only, no trim
02	Entrance by trim when actuating bar is locked down
03	Entrance by trim when latch bolt is retracted by key. Key removable only when locked
04	Entrance by trim when latch bolt is retracted by key or set in a retracted position by key
05	Entrance by thumbpiece. Key locks or unlocks thumbpiece
06	Entrance by thumbpiece only when released by key. Key removable only when locked
07	Entrance by thumbpiece. Inside key locks or unlocks thumbpiece. Outside key retracts latch
08	Entrance by knob or lever. Key locks or unlocks knob
09	Entrance by knob or lever only when released by key. Key removable only when locked
10	Entrance by knob or lever. Inside key locks or unlocks knob. Outside key retracts latch
11	Entrance by control turn piece. Key locks or unlocks control
12	Entrance by control turn piece only released by turning key. Key removable only when locked

Door Handing

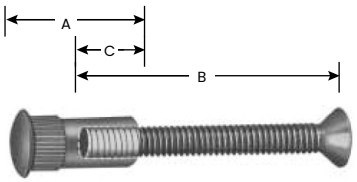


Sex Bolts

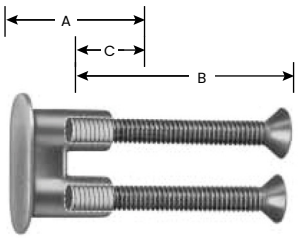
Sex Bolts when ordered with devices may be furnished with screw lengths different than shown in Column B. On pages 7 and 8, Column B indicates popular sizes. Sex bolts ordered separately aren't furnished with screws. If screws are required, refer to chart on pages 7 and 8 and order screws by description as a separate item. Other screw lengths may be used based on minimum and maximum allowable thread engagement, shown in column "C." Quantity required—refer to device section, quantities differ depending on outside trim.

425 sex bolts are required for 22/88/98/99 series fire rated devices when used on wood door applications. When wood doors are specified for these devices, sex bolts will be added to the device application unless SLM blocking package is specified.

825 sex bolts are required with 98-F/99-F rim devices on wood door applications using EO, NL, TP, K and L outside trims. Two 825 sex bolts will be added to the device application unless SLM blocking package is specified.



325, 425, 625A & 625B



To Order, Specify

1. Model number
2. Quantity (2 per package)
3. Finish
4. Door thickness other than 1-3/4" (44mm)

325

425

525

625A

625B

825

Refer to pages 7 and 8 for A, B, and C lengths.

Rim, Mortise & Concealed Vertical Rod

		Center Case				Hinge Case			
Device Type	Door Thickness	Sex Bolt			C Thread Engagement Min.-Max.	Sex Bolt			C Thread Engagement Min.–Max.
		No.	A	B Screw		No.	A	B Screw	
22	1-3/4" (44mm)	425	1-9/16"	10-24 x 1" PPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 3/4" PPHMS	9/32"–5/8"
	2-1/4" (57mm)	425 w	1-9/16"	10-24 x 1-1/2" PPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 1-1/4" PPHMS	9/32"–5/8"
33A, 3347A, 3347A-F, 35A, 3547A, 3547A-F	1-3/4" (44mm)	325	1-9/32"	1/4-20 x 1" FPHMS	3/8"–11/16"	425	1-9/16"	10-24 x 3/4" PPHMS	9/32"–5/8"
	2-1/4" (57mm)	325	1-9/32"	1/4-20 x 1-1/2" FPHMS	3/8"–11/16"	425	1-9/16"	10-24 x 1-1/4" PPHMS	9/32"–5/8"
55	1-3/4" (44mm)	625A	2-5/16"	12-24 x 3/4" OPHMS	11/32"–13/16"	625A	2-5/16"	12-24 x 3/4" OPHMS	9/32"–13/16"
	2-1/4" (57mm)	625B	2-13/16"	12-24 x 3/4" OPHMS	11/32"–1"	625B	2-13/16"	12-24 x 1-1/4" OPHMS	11/32"–1"
5575, 5575-F, 5547, 5547-F	1-3/4" (44mm)	—	—	—	—	625A	2-5/16"	12-24 x 3/4" OPHMS	11/32"–13/16"
	2-1/4" (57mm)	—	—	—	—	625B	2-13/16"	12-24 x 1-1/4" OPHMS	11/32"–1"
88, 88-F, 8875, 8875-F	1-3/4" (44mm)	425	1-9/16"	10-24 x 1-1/2" OPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 1-1/2" OPHMS	9/32"–5/8"
	2-1/4" (57mm)	425	1-9/16"	10-24 x 2" OPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 2" OPHMS	9/32"–5/8"
8847-F	1-3/4" (44mm)	—	—	—	—	425	1-9/16"	10-24 x 1-1/2" OPHMS	9/32"–5/8"
	2-1/4" (57mm)	—	—	—	—	425	1-9/16"	10-24 x 2" OPHMS	9/32"–5/8"
98, 9875, 9875-F, 9847, 9847-F, 99, 9975, 9975-F, 9947, 9947-F	1-3/4" (44mm)	425	1-9/16"	10-24 x 1" PPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 1" PPHMS	9/32"–5/8"
	2-1/4" (57mm)	425	1-9/16"	10-24 x 1-1/2" PPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 1-1/2" PPHMS	9/32"–5/8"
98-F, 99-F*	1-3/4" (44mm)	425 825A*	1-9/16" 1-13/16"	10-24 x 1" PPHMS 10-24 x 3/4" PPHMS	9/32"–5/8" 9/32"–5/8"	425	1-9/16"	10-24 x 3/4" PPHMS	9/32"–5/8"
	2-1/4" (57mm)	425 825B*	1-9/16" 1-13/16"	10-24 x 1-1/2" PPHMS 10-24 x 3/4" PPHMS	9/32"–5/8" 9/32"–5/8"	425	1-9/16"	10-24 x 1-1/4" PPHMS	9/32"–5/8"

FPHMS — Flat Phillips head machine screw
OPHMS — Oval Phillips head machine screw
PPHMS — Pan Phillips head machine screw
UFPHMS — Undercut flat Phillips head machine screw

Surface Vertical Rod

		Center Case				Hinge Case				Top & Bottom Latch Case			
Device Type	Door Thickness	Sex Bolt			C Thread Engagement Min.-Max.	Sex Bolt			C Thread Engagement Min.–Max.	Sex Bolt			C Thread Engagement Min.–Max.
		No.	A	B Screw		No.	A	B Screw		No.	A	B Screw	
2227, 2227-F	1-3/4" (44mm)	425	1-9/16"	10-24 x 1" PPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 3/4" PPHMS	9/32"–5/8"	325	1-9/32"	1/4-20 x 3/4" UFPHMS	3/8"–11/16"
	2-1/4" (57mm)	425	1-9/16"	10-24 x 1 1/2" PPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 1-1/4" PPHMS	9/32"–5/8"	325	1-9/32"	1/4-20 x 1-1/4" UFPHMS	3/8"–11/16"
3327A 3527A	1-3/4" (44mm)	325	1-9/32"	1/4-20 x 1" FPHMS	3/8"–11/16"	425	1-9/16"	10-24 x 3/4" PPHMS	9/32"–5/8"	325	1-9/32"	1/4-20 x 3/4" UFPHMS	3/8"–11/16"
	2-1/4" (57mm)	325	1-9/32"	1/4-20 x 1 1/2" FPHMS	3/8"–11/16"	425	1-9/16"	10-24 x 1-1/4" PPHMS	9/32"–5/8"	325	1-9/32"	1/4-20 x 1-1/4" UFPHMS	3/8"–11/16"
8827, 8827-F	1-3/4" (44mm)	425	1-9/16"	10-24 x 1 1/2" OPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 1-1/2" OPHMS	9/32"–5/8"	425	1-9/32"	10-24 x 3/4" PPHMS	9/32"–5/8"
	2-1/4" (57mm)	425	1-9/16"	10-24 x 2" OPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 2" OPHMS	9/32"–5/8"	425	1-9/32"	10-24 x 1-1/4" PPHMS	9/32"–5/8"
9827, 9827-F 9857, 9857-F	1-3/4" (44mm)	425	1-9/16"	10-24 x 1" PPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 3/4" PPHMS	9/32"–5/8"	325	1-9/32"	1/4-20 x 3/4" UFPHMS	3/8"–11/16"
9927, 9927-F 9897, 9957-F	2-1/4" (57mm)	425	1-9/16"	10-24 x 1 1/2" PPHMS	9/32"–5/8"	425	1-9/16"	10-24 x 1-1/4" PPHMS	9/32"–5/8"	325	1-9/32"	1/4-20 x 1-1/4" UFPHMS	3/8"–11/16"

FPHMS — Flat Phillips head machine screw
OPHMS — Oval Phillips head machine screw
PPHMS — Pan Phillips head machine screw
UFPHMS — Undercut flat Phillips head machine screw

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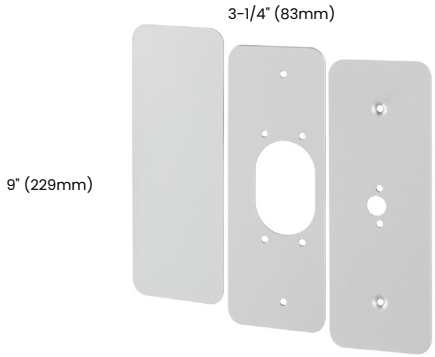
Cover Plates

229 Kit

(For 22 Rim Device)

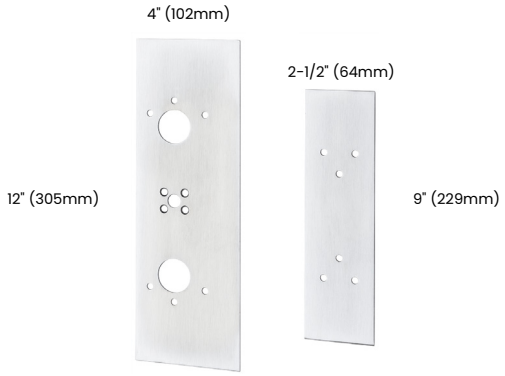
Kit contains inside and outside plates for hinge stile cutouts, an inside plate for the lock stile, and necessary screws. Plates are designed to cover cutouts required by most existing exit device installations. Specify finish.



882 Kit

(For 88 Rim Device)

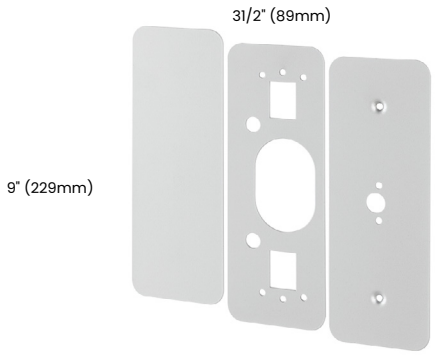
For use to cover mortise lock or discontinued device cut-outs. Specify finish.



997 Kit

(For 98/99 Rim Device)

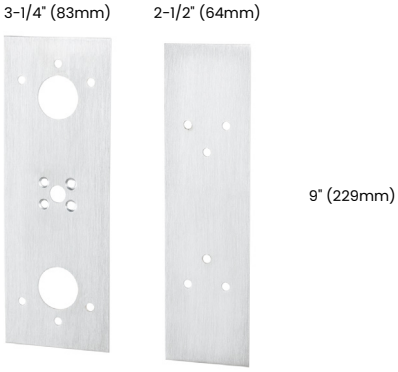
Kit contains inside and outside plates for hinge stile cutouts, an inside plate for lock stile, and necessary screws. Plates are designed to cover cutouts required by most existing exit device installations. Specify finish.



887 Kit

(For 88 Rim/8827 Devices)

For use with rim/vertical device combinations on pairs of doors with ANSI cut-out. The 88 rim device backset is increased and exposes the 161 cutout when used with an 8827. Specify finish.



589 Kit

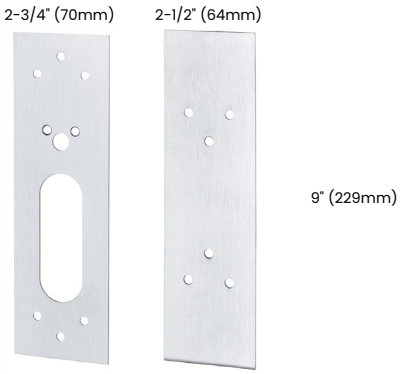
(For 5575 Device)

Kit contains plates for the lock stile and hinge side of the device, and necessary screws. Plates are designed to mount to device on wood door applications. The mortise lock cut-out interferes with device mounting. Specify finish and door width other than 1-3/4" (44mm).

888 Kit

(For 8875 or 8827 Devices)

For use on doors with ANSI 161 cutouts. Device center case will not cover stock cutout. Specify finish.



889 Kit

(For 373L Control)

Required when 373L controls are used with sex bolts. Four studs on cover plate allow through bolting to the device center case. **Note:** Sex bolts must be used on wood or composite fire doors. Specify device type R, M, or V and finish.

998 Kit

(For 994L Trim)

For use with 994 lever trim to cover existing 992 lever trim cut-out. Specify finish.

#10 WDA Kit

(For 370 Series Controls)

For wood door applications, used to cover up door preparations for control, also prevents the control from boring into the wood door. Finished to match control.

33A WDA Kit

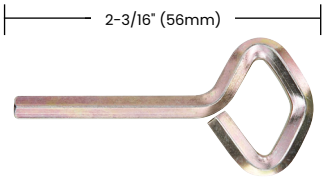
(For 360 Series Controls)

For wood door applications to cover up door preparations for control, also prevents the control from boring into the wood door. Finished to match control.

Dog Keys

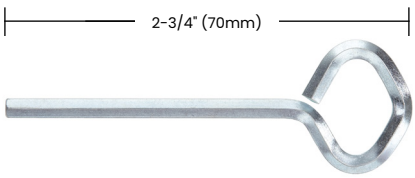
222 Dog Key (Old Style)

5/32" (4mm) hex



227 Dog Key (Standard)

5/32" (4mm) hex



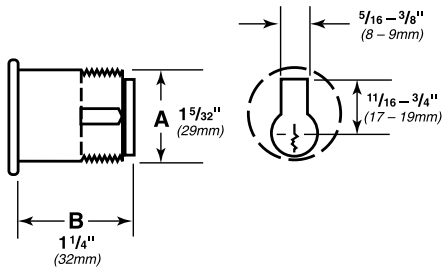
889 Kit

#10 WDA Kit

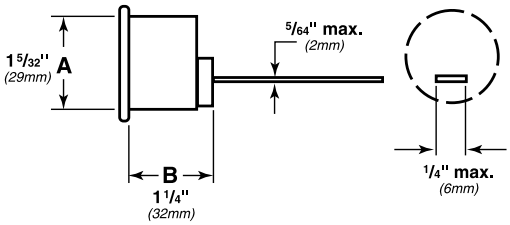
33A WDA Kit

Cylinders are not furnished with device or trim and must be specified when ordering. Refer to exit device catalogs for cylinder requirements.

Mortise — 3215 (Schlage 20-001, L583-477 cam)



Rim — 3216 (Schlage 20-022)

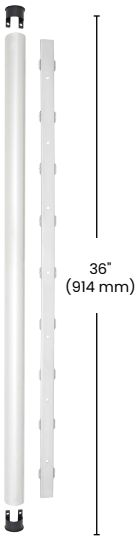


Glass Bead Kit – GBK

Glass bead conversion kits are used on doors with glass beads. Each kit consists of 1/4" (6 mm) shim sets. GBK for surface vertical rod ships with 1/8" (3 mm) shims for rod guides.

To Order, Specify:

1. Device model, example: 99GBK
2. Device type (rim, mortise, surface vertical rod, concealed vertical rod)
3. Wood door, when used with concealed vertical rod
4. Specify if using with 499F strike
5. Finish



Rod Guard

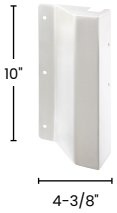
RG-27 Vertical Rod & Latch Guard

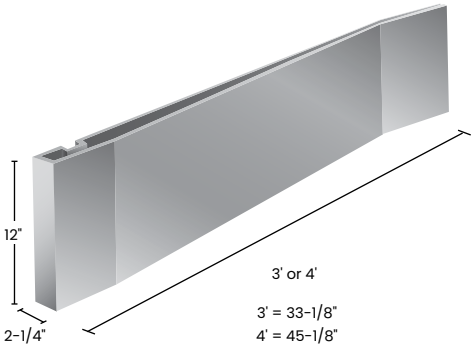
RG-27 Series vertical rod and latch guards protect the bottom rods of exit devices from the damaging impacts of carts or gurneys passing through doors. (If bottom rods become damaged, the exit device will not function as intended and can jeopardize the ability to exit safely during an emergency.)

In addition to protecting the vertical rod, the guard provides a smooth, unobstructed surface so the door can be pushed open easily with the bumpers of a wheelchair. The latch guard portion is 10" high. The standard latch guard features a 45° ramp. The extended latch guard offers a continuous ramp in 3' or 4' widths.

All stainless steel construction in US32D finish. Latch guards can cover latches as large as 1-1/4" W x 10" H x 1-7/8" projection.

Latch Guard





Models

RGO	Rod guard only (Projection 1-3/16")
RG-27	Rod and latch guard
RG-27-3	3' (914 mm) Rod guard and extended latch guard
RG-27-4	4' (1219 mm) Rod guard and extended latch guard
LGO	Latch guard only
LGO-3	3' (914 mm) Extended latch guard only
LGO-4	4' (1219 mm) Extended latch guard only

Note: Not for use on wood fire doors, except with SLM (special laminate material) blocking.

To Order, Specify:

1. Model number
2. Handing (except on RGO)
3. Door material if other than hollow metal
4. Optional sex bolt mounting available

237 & 237L Two Point Latch

Series 237 two point latch assembly is ideal for spaces where occupancy does not require panic or fire exit hardware. This product is a perfect solution for many applications in schools, health care facilities, offices, and government facilities—regardless if the doors are inswing or outswing. It can be used on the inactive leaf of a pair of doors with a lockset or both leaves of a pair. It features a top soffit latch and ratchet release for long service life and dependability. Locking handles in many different configurations provide versatility to meet different customer needs.

Engineered to withstand severe weather conditions, the 237 series is also ideal for community shelters and safe rooms in accordance with FEMA 320 and 361 guidelines.

Specifications Compliance

I. UL listings:
Two- and Three-point Locks and Latches (for use on Fire Doors)—UL 10 C
- Rating: 3HR pairs (double egress)
- 90 min. pairs (swing same direction)
- Door size: 8'0" X 8'0" Pairs (hollow metal only)

Furnished standard with one lever control assembly with mounting plate for the push side. This lever operation is always unlocked (L-BE). A second control lever can be ordered separately for the pull side, either model 378L-BE (always unlocked) or model 378L (with cylinder locking). Cylinders not included.

Lever operation meets all ADA requirements.

Plunger Release Bracket

Bottom Bolt Guide

Soffit Latch Assembly

304L Strike

To Order, Specify:

1. Model number 237L-BE
2. Optional second control, 378L or 378L-BE
3. Handing (see charts below)
4. Finish

Optional lever styles are available

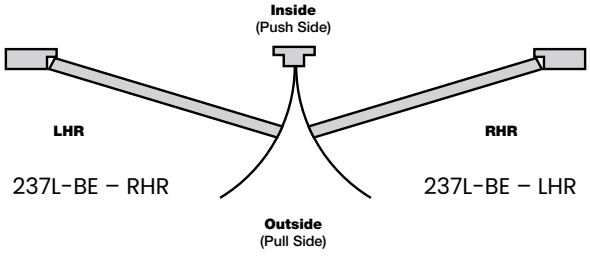
#03

#06
(Standard)

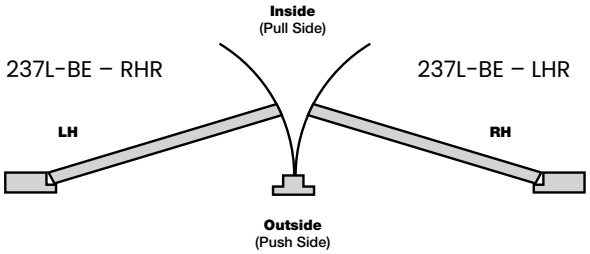
#17

Handing – How to Order

Outswing Door Application



Push Side



Note: For inswing door applications that require locking on the push side, consult factory. Outswing door will be assumed if not specified.

Mullions

Removable steel mullions Mullions provide single door performance in double door openings with rim devices. Mullions are easily removed by loosening bottom set screw and removing top fitting cover. The top mullion fitting is attached to the frame and is concealed by the fitting cover.

Steel mullions are 2" (51mm) wide and 3" (76mm) deep, with a wall thickness of 1/8" (3mm).

Mullions are shipped with mounting screws and prepared for strikes. Strikes are not included except where indicated.

Steel mullions are available in SP28 and SP313 finishes. Consult factory for other powder coat finish options.

KR – Keyed removable steel mullions makes removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without use of the cylinder key. Uses a 1-1/4" mortise cylinder with a straight cam (Schlage cam reference B502-191). Cylinders are sold separately. Prefix mullion model with "KR".

Removable aluminum mullions are 1-1/16" (27mm) wide on face closest to the door and 2-3/8" (60mm) at the widest point. The depth is 3-1/8" (79mm) with a wall thickness of 1/8" (3mm).

Aluminum mullions are available in US4, US10, US28, 313 and 315 finishes. Consult factory for other powder coat finish options.

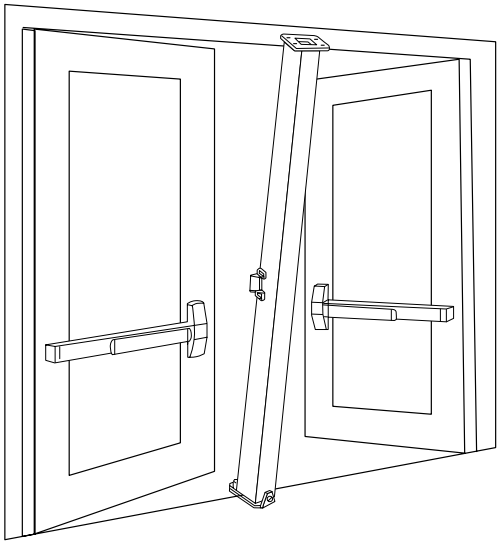
Stock hollow metal applications for devices mounted to cover ANSI 161 cutouts are higher than the standard mullion strike location. Consult the factory for special strike preparation or order a blank mullion. See below.

Blank mullions are furnished without strike preparation. They are used to mount devices at a strike height different from the standard mullion preparation.

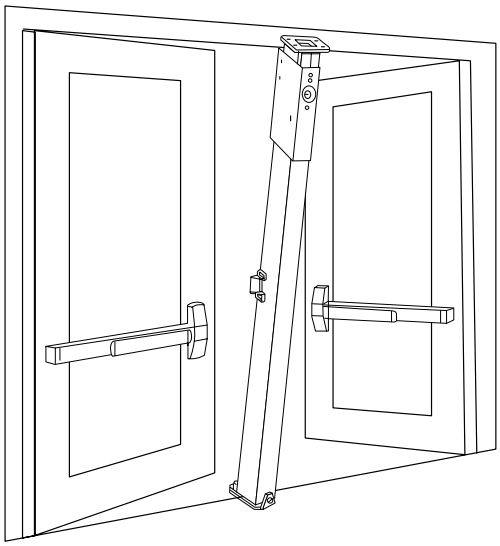
To Order, Specify:

1. For keyed removable option on steel mullions, prefix model number with "KR"
2. Model number
3. Height of opening
4. Finish
5. Handing if required
6. Centerline deviation (refer to device template for standard centerline)
7. Strikes, when required, should be ordered with device
8. For keyed Removable option on steel mullions, prefix model number with "KR"

Removable Mullions



Keyed Removable Steel Mullions



Steel Mullions

1654 Prepared for two 1606 strikes. If 1606 strikes are not specified on the order, two per mullion will be added. Additional charges apply.

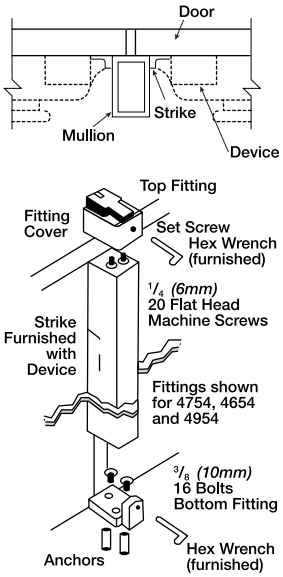
4954 Prepared for 264 or 299 strikes. For use with all Von Duprin Panic rim devices. Note: Specify strike choice with device.

9954 Prepared for and must be used with two 268 strikes (88-F device), or two 499F (22-F, 98-F, 99F devices). UL fire labeled mullion for up to 3 hour opening using Von Duprin fire exit rim devices. This mullion is not easily removed due to special fittings.

22-F and 88-F devices are rated up to 8' x 8" (2438mm x 2438mm).

98-F and 99-F devices are rated up to 10'0" (3048mm).

Note: If 268 or 499F strikes are not specified on the order, two per mullion will be added. Additional charges apply.

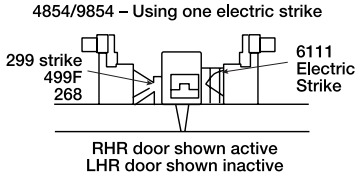


4754 Prepared for two 4263 monitor strikes.

4854 Prepared for one 299 and one 6111 electric strike. Indicate handing for electric strike.

9854 Prepared for one 268 or 499F strike and one 6111 electric strike. Indicate handing for electric strike. UL fire labelled mullion for up to 3 hour openings up to 8' x 8' (2438mm x 2438mm) using Von Duprin fire exit rim devices.

Aluminum Mullions



5654 Prepared for two 264 or 299 strikes with weatherstripping. Includes one set of 154 stabilizers.

5754 Prepared and furnished with one 1408 double door strike. Includes one 154 stabilizer set. Note: specify device "less strike".

Sizes for Mullions

1654, 4954, 4754, 4854, 5654	9854, 9954
7' 2" (2184mm)	7' 3" (2210mm)
8' 2" (2489mm)*	8' 3" (2475mm)
10' 2" (3099mm)*	10' 3" (3124mm)

KR1654, KR4954, KR4754, KR4854	KR9854** KR9954***
7' 6" (2286mm)	7' 5" (2261mm)
8' 6" (2591mm)	8' 5" (2565mm)*
10' 6" (3200mm)	10' 5" (3175mm)*

* Only qualifying applications will be provided with UL Label.
** Fire rated same as 9854
*** Fire rated same as 9954

Angle plate is used with narrow transom frames. The plate attaches to the transom extending the surface area needed to mount the mullion. Must be ordered separately. Specify finish.

154 Stabilizer is a two-piece interlocking set. One piece mounts on the mullion with the top mounting hole 5-3/16" (148mm) below the centerline of the strike; the other piece mounts on the door. Shims are provided to adjust for misalignment between the door and mullion.

The set maintains integrity between the door and mullion to prevent vandalism and to ensure contact between the device and strike as the doors expand and contract with temperature changes.

Furnished standard on aluminum mullions; optional for steel and all blank steel mullions.

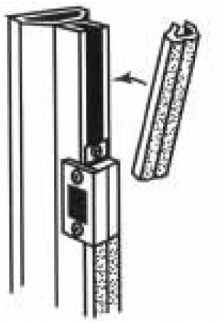
MT54 Storage kit is a set of floor and wall brackets that provide convenient storage of the keyed removable mullion when removed from the opening.

To Order, Specify

1. Model MT54
2. Finish SP28, SP313, or SPBLK

Weatherstripping

Weatherstripping prevents cold air from blowing between doors and mullion. It also serves as a silencer when the door is closed against the mullion. The silicone treated weatherstrip pile is bonded to a polypropylene backing. A slide-in molding houses the weatherstripping, covers mounting screws of the strike and extends to both the top and bottom of the mullion. Available on aluminum mullions only.



Edging with Weatherstripping

Notes

Notes

Notes

About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

For more, visit **www.allegion.com**

KRYPTONITE ■ LCN ■ SCHLAGE ■ STEELCRAFT ■ VON DUPRIN

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Buy America/ Buy American and Trade Agreement Acts (BAA and TAA)

Compliance guide

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This catalog contains products that currently comply with Buy America/Buy American and Trade Agreements Act requirements imposed by the federal government through the Buy America/Buy American Act (BAA) and Trade Agreements Act (TAA), respectively. The catalog is reviewed and updated on a semi-annually basis. Please be sure to visit **http://us.allegion.com/industries/government/resources** for the most current catalog revision.

It is our goal to make it as easy as possible to supply Allegion products for projects subject to Buy American ("BAA") requirements and Trade Agreements Act ("TAA") requirements. A brief description of some of the federal requirements can be found below. Please keep in mind that there are exceptions, exemptions and waivers to many of these requirements. Understanding all the factors that can affect a particular product or project can be confusing, which is why Allegion has a Government Services team to assist you. We are often able to provide product solutions based on these factors. Please direct product or project related inquiries by contacting us at st-govtservices@allegion.com.

To obtain product certification forms, e-mail your request to st-govtservices@allegion.com, and your request will be forwarded to the proper location.

All items in this catalog are subject to the prices, terms and conditions listed in the respective current product price books.

What is the BAA?
The Buy American Act establishes a preference for the federal government, when purchasing supplies for use in the United States, to purchase products mined, produced, or manufactured in the United States. Under the BAA, there is a two part test to determine whether an end product is domestic: (1) it must be "manufactured" in the United States; and (2) the cost of domestic components must exceed a certain percentage of the cost of all the components. For end products that do not consist wholly or predominantly of iron or steel or a combination of iron and steel, the cost of domestic components must exceed 60 of the cost of all components. For end products that consists wholly or predominantly of iron or steel or a combination of iron and steel, the cost of iron and steel must constitute less than 5% of the cost of all components. Neither the statute nor the regulations define "manufacture's however, the Government Accountability Office (GAO) has stated that manufacturing necessitates that the "completion of the [end product] in the form required for use by the Government be carried out domestically." Where an end product being sold to the federal government is a commercially available off-the-shelf (COTS) item, meaning the product is sold in substantial quantities in the commercial marketplace in the same form, without modification, as it is offered to the U.S. government, the components test is waived(except, this waiver is not applicable to end products made wholly or predominantly of iron or a combination or iron).

When could BAA apply?
The BAA applies generally to federal acquisitions exceeding $10,000. However, under the Trade Agreements Act (TAA), the Government has waived the BAA restriction for products from countries that have signed an international trade agreement with the United States ("designated countries"), or that meet certain other criteria, such as being a least developed country. In acquisitions covered by the TAA, offers of designated country products receive equal consideration with domestic offers.

State contracts with federal funding
Domestic preference restrictions may apply to state and local government acquisitions funded with federal dollars.

37 states have signed on to certain international agreements opening up procurements to products from certain designated countries (e.g., Taiwan), where the construction contract value exceeds the applicable threshold (e.g., currently $7,864,000 for the WTO GPA). The below 13 have not signed on to any of the international agreements and therefore only domestic products are compliant where the ARRA Buy American requirement applies:

Alabama	Indiana	New Mexico
Ohio	West Virginia	Alaska
Nevada	North Carolina	South Carolina
Georgia	New Jersey	North Dakota
Virginia		

At this time none of the 50 states recognize or have agreed to participate in the NAFTA Trade Agreement, which includes Mexican products.

The Government Strategic Accounts team is available to assist in determining what products are compliant for a specific state or local opportunity funded by federal dollars.

Please note: The Buy America Act is listed on page 5. This differs from the Buy American Act discussed above.

The following named entities have agreed to give equal consideration to products substantially transformed in WTO-GPA countries, including Taiwan. Port Authority of New York and New Jersey Port of Baltimore.

TAA - Trade Agreements Act
The U.S. has entered into a number of international trade agreements, under which the U.S. agrees to waive the BAA and other discriminatory provisions for products from countries that are parties to the agreement. These agreements include the World Trade Organization Government Procurement Agreement (WTO GPA), a plurilateral agreement to which Taiwan, among other countries, has acceded, the North American Free Trade Agreement (NAFTA), and a number of other bilateral and multilateral free trade agreements (FTAs).

When could TAA apply?
The value of the acquisition is a determining factor in the applicability of the TAA, as the various international agreements set forth a dollar threshold for when they apply. In some cases, such as the WTO GPA, the threshold is periodically adjusted.

The below chart sets forth the current thresholds (as of January 2015) for applicability of the trade agreements most relevant to Allegion.

Trade Agreement	Construction contract (equal to or exceeding)
WTO GPA	$7,864,000
USMCA (NAFTA) - Mexico	$10,335,931
USMCA (NAFTA) - Canada	$10,335,931

For purchases made through U.S. General Services Administration Schedule contracts, all acquisitions are covered by the TAA, dollar value of the individual order nothwithstanding.

FARS - Federal Acquisition Regulations
A section of the U.S. Code of Federal Regulations detailing purchasing/procurement policies for the federal government.

DFARS - Defense Federal Acquisition Regulations
A section of the U.S. Code of Federal Regulations detailing purchasing/procurement policies for the Department of Defense (DoD).

Construction project
Any federally funded new construction or renovation work involving a General Contractor is generally considered a construction contract. Often, the word "construction" is noted in the contract.

COTS - Commercially available Off The Shelf
Any item, other than real property, that is of a type customarily used by the general public or nongovernmental purposes, and that 1) Has been sold, leased or licensed to the general public; or 2) Has been offered for sale, lease or license to the general public. Does not apply to Mexico end-products, as assembly and packaging is required in the United States. Does not apply to end products that consist wholly or predominantly of iron or steel or a combination of iron or steel.

Department of Transportation (DOT) requirements for Buy America:
The various agencies under the DOT(e.g., FTA, FRA, FAA, FHWA , Amtrak) have Buy America statutory provisions, implemented by the agencues wuth agency-unique rules and exceptions. The most common of these is the FTA's Buy America requirements at 49 U.S.C. 5323(i)(1) and 49 C.F.R..661. Allegion can provide a Buy America certification letter for any of our brands within this catalog that are identified as country of origin USA.

Environmental Protection Agency (EPA)
Any water treatment facilities fall under the Buy America Act - USA products only.

American Iron and Steel Act (AIS)
The only product that Allegion can provide AIS documentation for at this time is the Steelcraft and Republic doors and frames that are listed in this compliance guide, which fall under the Buy America Act - USA products only using recycled steel.

Information required prior to requesting assistance

Which program are you needing assistance with? BAA BABAA TAA

Your request for a BAA, BABAA, and/or TAA letter should include the following:

1. Project name: _____

2. Solicitation # (if applicable): _____

3. Total project size (dollar amount): $_____

4. Total Allegion value for project (dollar amount): $_____

5. Does the above project total size exceed the $7.864 M threshold for BAA/WTO? Yes No

6. Is the project a DOT FAA (department of transportation or federal aviation authority)? Yes No

7. Does the above project total size exceed the $10,335,931 threshold for USMCA (NAFTA)? Yes No

8. Federal project: Yes No

9. State project: (If yes, specify the state) Yes No State:_____

10. City project: Yes No

11. HUD project: Yes No

12. US EPA project: Yes No

13. ARRA funded project: Yes No

14. List of specified products
(Attach separate sheet if required. Project take-offs and quote request forms are acceptable for product descriptions.)

Brand	Product

Submit completed form to: st-govtservices@allegion.com

Please note this is only a worksheet to help provide and gather all necessary information for Buy American Act certification.

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Order transmittal cover letter

Buy America/Buy American Act (BAA) Build America, Buy America Act (BABAA)
Trade Agreements Act (TAA)
United States-Mexico-Canada Agreement (USMCA)

Note that orders requiring BAA/TAA compliant products MUST include this cover letter to be properly identified.

Failure to include a Order Transmittal Cover Sheet or properly marking the order PRODUCTS REQUESTED WITH BAA COMPLIANCE or include the BA/BAA suffix when required could result in the customer receiving non-BAA compliant product with no recourse for an RMA or refund.

Additional order requirements

Locks

Schlage	BAA transmittal required	Note on order
A Series	x	Clearly mark model number with - BAA suffix to receive USA country of origin products.
ALX Series	x	
B250 Series	x	
B500 Series	x	
B600/700/800 Series	x	
CS200 Series	x	
ND Series	x	
L Series	x	
S Series	x	
S200 Series	x	

Electronic locks, readers and accessories

Schlage	BAA transmittal required	Note on order
AD Series[1]	x	Clearly mark model number with - BAA suffix to receive USA country of origin products
Power supplies	x	
PIM[1]	x	
PIB[1]	x	
RC Series 25' pigtail cable	x	

ISONAS		Note on order
Isonas 25' RC-04 pigtail cable	x	Clearly mark model number with - BAA suffix to receive USA country of origin products

Von Duprin		Note on order
Power supplies	x	Clearly mark model number with - BAA suffix to receive USA country of origin products
Power Transfers (EPT)	x	

Closers

LCN	BAA transmittal required	Note on order
1250 Series	x[2]	Clearly mark model number with - BAA suffix to receive USA country of origin products
1450 Series	x[2]	

Note: Please refer to respective price books for additional costs and pricing.

1. Up charges only apply when ordering products that must have Country of Origin of USA and the project does not meet any thresholds where Trade Agreement Act (TAA) exceptions apply. See pages 4 and 5 for more details or contact st-govtservices@allegion.com for more information.
2. BAA suffix added to the line item.

Mechanical products

Locks

Schlage

Cylindrical

Product	Description	Function	Trim	Finish	BAA COO	TAA COO
A Series * ▲	Grade 2, cylindrical	All	All	All	USA	Mexico
ALX Series * ▲	Grade 2, cylindrical	All	All	All	USA	Mexico
ND Series * ▲	Grade 1, cylindrical	All	All	All	USA	Mexico

Deadbolt

Product	Description	Function	Trim	Finish	BAA COO	TAA COO
B250 Series * ▲	Grade 2, deadlatch	All	All	All	USA	Mexico
B500 Series * ▲	Grade 2, deadbolt	All	All	All	USA	Mexico
B600/700/800 Series * ▲	Grade 1, deadbolt	All	All	All	USA	Mexico

Interconnected/tubular

Product	Description	Function	Trim	Finish	BAA COO	TAA COO
CS200 Series * ▲	Interconnected lock	All	All	All	USA	Mexico
LT Series*	Grade 2, tubular	All	All	All	USA	-
S Series * ▲	Grade 2, tubular	All	All	All	USA	Mexico
S200 Series * ▲	Interconnected lock	All	All	All	USA	Mexico

Mortise (standard, deadbolt, multi-point)

Product	Description	Function	Trim	Finish	BAA COO	TAA COO
L Series * ▲	Grade 1, mortise	All	All	All	USA	Mexico
L400 Series * ▲	Grade 1, small case mortise deadbolt	All	All	All	USA	Mexico
L460 Series * ▲	Grade 1, small case mortise deadbolt	All	All	All	USA	Mexico
LM9200 Series *	Two-point lock	All	All	All	USA	-
LM9300 Series *	Three-point lock	All	All	All	USA	-

* Available for complete locks and deadbolts only
▲ See page 8 for additional cost and order requirements

Push/pull latch

Product	Description	Finish	BAA COO
HL6-2	Push/pull latch	All	USA
HL6-5	Push/pull latch - 5" backset	All	USA
HL6-9000 Series	Push/pull mortise lock combination	All	USA

Falcon

Cylindrical

Product	Description	Trim	Finish	TAA COO
B Series	Grade 2, standard duty, cylindrical	All	All	Taiwan
K Series	Grade 1, standard duty, cylindrical	All	All	Taiwan
RU Series	Grade 1, extra heavy duty, preassembled	All	All	Mexico
T Series	Grade 1, extra heavy duty, cylindrical	All	All	Mexico
W/WSR Series	Grade 2, medium duty, cylindrical	All	All	Taiwan
X Series	Grade 1, heavy duty, cylindrical	All	All	Mexico

Deadbolt

Product	Description	Trim	Finish	TAA COO
D100 Series	Grade 1, deadbolt	All	All	Mexico
D200 Series	Grade 2, deadbolt	All	All	Mexico

Interconnected/tubular

Product	Description	Trim	Finish	BAA COO
H2 Series	Grade 2, Interconnected lock	All	All	USA

Mortise

Product	Description	Trim	Finish	TAA COO
MA Series	Grade 1, mortise	All	All	Taiwan

Falcon locks listed on this page qualify for BAA projects above the qualifying designated country threshold , with the exception of DOT and EPA designated or funded projects.

Portable security

Schlage

Commercial padlocks

Product number	Description	Function	Finish	BAA COO	TAA COO
KS11D1200	KS 11 Series, 1 ½" shackle, less cylinder	SFIC	652 Chrome plated brass	-	Taiwan
KS11F1200	KS 11 Series, 2" shackle, less cylinder	SFIC	652 Chrome plated brass	-	Taiwan
KS21D1200	KS 21 Series, 1 ½" shackle, less cylinder	SFIC	652 Chrome plated brass	-	Taiwan
KS21F1200	KS 21 Series, 2" shackle, less cylinder	SFIC	652 Chrome plated brass	-	Taiwan
KS23D2200	KS 23 Series, 1 ½" shackle, less cylinder	K-N-K	606 Brass	-	Taiwan
KS23D2300	KS 23 Series, 1 ½" shackle	K-N-K cylinder	606 Brass	-	Taiwan
KS23F2200	KS 23 Series, 2" shackle, less cylinder	K-N-K	606 Brass	-	Taiwan
KS23F2300	KS 23 Series, 2" shackle	K-N-K cylinder	606 Brass	-	Taiwan
KS41D1200	KS 41 Series, 1 ½" shackle, less cylinder	SFIC	652 Chrome plated brass	-	Taiwan
KS41F1200	KS 41 Series, 2" shackle, less cylinder	SFIC	652 Chrome plated brass	-	Taiwan
KS43D2200	KS 43 Series, 1 ½" shackle, less cylinder	K-N-K	606 Brass	-	Taiwan
KS43D2300	KS 43 Series, 1 ½" shackle	K-N-K cylinder	606 Brass	-	Taiwan

Schlage (cont.)

Commercial padlocks (cont.)

Product number	Description	Function	Finish	BAA COO	TAA COO
KS43D3200	KS 43 Series, 1 ½" shackle, less cylinder	FSIC	606 Brass	-	Taiwan
KS43F2200	KS 43 Series, 2" shackle, less cylinder	K-N-K	606 Brass	-	Taiwan
KS43F2300	KS 43 Series, 2" shackle	K-N-K cylinder	606 Brass	-	Taiwan
KS43F3200	KS 43 Series, 2" shackle, less cylinder	FSIC	606 Brass	-	Taiwan
KS72F2300	KS 72 Series, 2" shackle	K-N-K cylinder	652 Steel	-	Taiwan
855156	Solid steel shackle-less padlock, 2 ⅞"x1 ½" -with cylinder 5 pin		652 Steel	-	Taiwan

Padlock accessories - shackles

Product number	Description	Function	Finish	BAA COO	TAA COO
KZ11F40	Steel, 2" shackle, ⅜" dia.	-	Chrome	-	Taiwan
KZ11G20	Steel, 4" shackle, 5/16" dia.	-	Chrome	-	Taiwan
KZ11G40	Steel, 4" shackle, ⅜" dia.	-	Chrome	-	Taiwan
KZ12G20	Brass, 4" shackle, 5/16" dia.	-	-	-	Taiwan
KZ12G40	Brass, 4" shackle, ⅜" dia.	-	-	-	Taiwan
KZ13D20	Stainless steel, 1 ½" shackle, 5/16" dia.	-	Chrome	-	Taiwan
KZ13D40	Stainless steel, 1 ½" shackle, ⅜" dia.	-	Chrome	-	Taiwan
KZ13F20	Stainless steel, 2" shackle, 5/16" dia.	-	Chrome	-	Taiwan
KZ13F40	Stainless steel, 2" shackle, ⅜" dia.	-	Chrome	-	Taiwan

Cylinders

All Schlage cylinders, tailpieces, cams and supporting parts are made in the USA at our manufacturing facility in Colorado Springs and qualify for BAA. This listing provides details on the availability of cylinder formats and Primus security options in patented keyway options only. However, any cylinders in Schlage legacy keyway options would also qualify as all are manufactured and assembled in the USA.

Schlage

Electronic lock applications

Application	Patent protected keyway families[1]	Formats	Primus options	Primus UL 437	BAA COO
AD Series, CO Series, ND Series, NDE Series, L Series and LE Series	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
		SFIC	--	--	USA

Cylindrical lock applications

Application	Patent protected keyway families[1]	Formats	Primus options	Primus UL 437	BAA COO
A Series, ALX Series, and ND Series	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
		SFIC[3]	--	--	USA

Interconnect and tubular lock applications

Application	Patent protected keyway families[1]	Formats	Primus options	Primus UL 437	BAA COO
S200 Series interconnect	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
CS200 Series interconnect	Classic Obverse[1], EV 29 S and T	KIL and FSIC	--	--	USA
	Everest 29 R	KIL and FSIC as SL	--	--	USA
		SFIC	--	--	USA
S Series tubular	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	--	USA

Mortise and tubular lock applications

Application	Patent protected keyway families[1]	Formats	Primus options	Primus UL 437	BAA COO
L Series mortise[4] (including multi-point locks)	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL[5]	Legacy and XP	KIL only	USA
		SFIC	--	--	USA

Deadbolt and deadlock applications

Application	Patent protected keyway families[1]	Formats	Primus options	Primus UL 437	BAA COO
B250 Series deadlock	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
B500 Series deadbolt	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
		SFIC	--	--	USA
B600 Series	Classic Obverse[1], EV 29 S and T	KIL and FSIC	--	--	USA
	Everest 29 R	KIL and FSIC as SL	--	--	USA
		SFIC	--	--	USA
B700 Series and B800 Series	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
		SFIC	--	--	USA

1. Classic Obverse and other legacy Everest (B, C, and D) keyways only gain patent protection in Primus cylinders.
2. Primus RP is exclusive to the Classic Obverse keyway families.
3. Not available for A Series locks.
4. Primus options are not available on L9485, L9486, LM9280, and LM/LMV9380 functions.
5. SL key mechanism in Primus options are available in limited trims and functions only.
6. Lockout function supported by Primus cylinders only. Not available in SL key mechanisms.
7. SL key mechanism is not available to fit Corbin Russwin CK4200 and UT5200 locks; SL in Primus UL 437 not available to fit CL3300.
8. Except B knobs.

Cylinders

All Schlage cylinders, tailpieces, cams and supporting parts are made in the USA at our manufacturing facility in Colorado Springs and qualify for BAA. This listing provides details on the availability of cylinder formats and Primus security options in patented keyway options only. However, any cylinders in Schlage legacy keyway options would also qualify as all are manufactured and assembled in the USA.

Schlage (cont.)

Portable security applications

Application	Patent protected keyway families[1]	Formats	Primus options	Primus UL 437	BAA COO
KS Series commercial padlocks	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	SFIC	--	--	USA
CL Series cabinet/ drawer locks	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
		SFIC	--	--	USA

Rim, mortise exit and competitive device applications

Application	Patent protected keyway families[1]	Formats	Primus options	Primus UL 437	BAA COO
Rim cylinders for exit devices	Classic Obverse[1], EV 29 S and T	KIL and FSIC[6]	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL[6]	Legacy and XP	KIL only	USA
		SFIC	--	--	USA
Mortise cylinders for Von Duprin and other straight cam applications	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
		SFIC	--	--	USA
Adams Rite® 4500, 4700, and 4070 Series	Classic Obverse[1], EV 29 S and T	KIL and FSIC[6]	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL[6]	Legacy and XP	KIL only	USA
		SFIC	--	--	USA
Corbin Russwin DL3000 Series	Classic Obverse[1], EV 29 S and T	KIL and FSIC[6]	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL[6]	Legacy and XP	KIL only	USA
		SFIC	--	--	USA
Lori 4500 Series	Classic Obverse[1], EV 29 S and T	KIL and FSIC[6]	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL[6]	Legacy and XP	KIL only	USA
		SFIC	--	--	USA

Other manufacturers' lock applications

Application	Patent protected keyway families[1]	Formats	Primus options	Primus UL 437	BAA COO
Corbin Russwin[7] CL3300, CL3400, CL3600, CK4200, and UT5200	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
		SFIC	--	--	USA
Sargent 7L, 8L, and 10L levers; 6[8], 7, 8, and 9 knobs	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
		SFIC	--	--	USA
Yale 5300LN, 5400LN, and 6400LN levers; 5300, 5400, and 6200 knobs	Classic Obverse[1], EV 29 S and T	KIL and FSIC	Legacy, RP[2], and XP	KIL only	USA
	Everest 29 R	KIL and FSIC as SL	Legacy and XP	KIL only	USA
		SFIC	--	--	USA

Falcon

Application	Patent protected keyway families[1]	Formats	Primus options	Primus UL 437	BAA COO
Falcon B, M, T and W Series	Classic Obverse[1], EV 29 S and T	KIL	Legacy, RP[2], and XP	KIL only	USA

1. Classic Obverse and other legacy Everest (B, C, and D) keyways only gain patent protection in Primus cylinders.
2. Primus RP is exclusive to the Classic Obverse keyway families.
3. Not available for A Series locks.
4. Primus options are not available on L9485, L9486, LM9280, and LM/LMV9380 functions.
5. SL key mechanism in Primus options are available in limited trims and functions only.
6. Lockout function supported by Primus cylinders only. Not available in SL key mechanisms.
7. SL key mechanism is not available to fit Corbin Russwin CK4200 and UT5200 locks; SL in Primus UL 437 not available to fit CL3300.
8. Except B knobs.

Closers

LCN

Door closers

Product	Description	Arm	Screw pack	Finish	BAA COO
1250 Series* ◆	Mounts hinge side, top jamb, and parallel arm - non-sized	All	All	All	USA
1261 Series ◆	Mounts hinge side, top jamb and parallel arm - non-sized	All	All	All	USA
1450 Series* ◆	Mounts hinge side, top jamb, and parallel arm - non-sized	All	All	All	USA
1461 Series ◆	Mounts hinge side, top jamb and parallel arm - non-sized	All	All	All	USA
2010 Series ◆	Concealed (in header) mount, sized cylinder	All	All	All	USA
2030 Series ◆	Concealed (in header) mount, sized cylinder	All	All	All	USA
2210 Series ◆	High security, concealed (in header) mount	All	All	All	USA
3030 Series ◆	Series concealed (in door) mount, sized cylinder	All	All	All	USA
3130 Series ◆	Series concealed (in door) mount, sized cylinder	All	All	All	USA
4000T Series ◆	Pocket door closer	All	All	All	USA
4010 Series ◆	Hinge side mount, size 6 or non-sized cylinders	All	All	All	USA
4020 Series ◆	Top jamb mount, size 6 or non-sized cylinders	All	All	All	USA
4031 Series ◆	Mounts hinge side, top jamb and parallel arm - non-sized	All	All	All	USA
4040XP Series ◆	Mounts hinge side, top jamb and parallel arm - non-sized	All	All	All	USA
4050A Series ◆	Mounts hinge side, top jamb, and parallel arm - non-sized	All	All	All	USA
4110 Series ◆	Parallel arm mount, size 6 or non-sized cylinders	All	All	All	USA
4210 Series ◆	Series high security, push side mount, size 6 or non-sized cylinders	All	All	All	USA
4510 Series ◆	Series high security, push side mount, size 6 or non-sized cylinders	All	All	All	USA
5010 Series ◆	Concealed (in header) mount, sized cylinder	All	All	All	USA
5030 Series ◆	Concealed (in header) mount, sized cylinder	All	All	All	USA
6030 Series ◆	Concealed (in narrow header) double action sized cylinder	All	All	All	USA

* Refer to page 8 for additional cost and order requirements.
◆ Extended lead times apply to specific finishes. Add an additional 2 weeks for custom RAL finishes and 4 weeks for Plated finishes to standard lead time.

Automatic operators

Product	Description	Arm	Screw pack	Finish	BAA COO
2610 Series ◆	Pneumatic auto equalizer, concealed mount, sized cylinder	All	All	All	USA
2810 Series ◆	Senior swing - single door, overhead concealed mount	All	All	All	USA
2850 Series ◆	Senior swing - simultaneous pair, overhead concealed mount	All	All	All	USA
2860 Series ◆	Senior swing - independent pair, overhead concealed mount	All	All	All	USA
4630 Series ◆	Electric auto equalizer - top jamb (pull side) mount, non-sized	All	All	All	USA
4640 Series ◆	Electric auto equalizer - top jamb (push side) mount, non-sized	All	All	All	USA
4810 Series ◆	Pneumatic auto equalizer - top jamb (pull side) mount, non-sized	All	All	All	USA
4820 Series ◆	Pneumatic auto equalizer - top jamb (push side) mount, non-sized	All	All	All	USA
4840 Series ◆	Pneumatic auto equalizer - parallel arm (pull side) mount, non-sized	All	All	All	USA
6400 Series ◆	6440 Compact - module kit	All	All	All	USA
6400 Series ◆	6440XP Compact - module and closer kit	All	All	All	USA
6400 Series ◆	6440-2210 - Compact module and battery powered touchless actuator kit	All	All	All	USA
6400 Series ◆	6440-3813W - Compact module and hardwired touchless actuator kit	All	All	All	USA
9130 Series ◆	Benchmark - single door, surface (pull side) mount	All	All	All	USA
9140 Series ◆	Benchmark - single door, surface (push side) mount	All	All	All	USA
9150 Series ◆	Benchmark - pair door, surface (push side) mount	All	All	All	USA
9530 Series ◆	Senior swing - single door, surface (pull side) mount	All	All	All	USA
9540 Series ◆	Senior swing - single door, surface (push side) mount	All	All	All	USA
9550 Series ◆	Senior swing - simultaneous pair, surface (pull, push or double egress) mount	All	All	All	USA
9560 Series ◆	Senior swing - independent pair, surface (pull, push or double egress) mount	All	All	All	USA

◆ Extended lead times apply to specific finishes. Add an additional 2 weeks for custom RAL finishes and 4 weeks for plated finishes to standard lead time.

Closers

LCN (cont.)

Fire/life safety

Product	Description	Arm	Screw pack	Finish	BAA COO
2310ME Series ◆	Concealed mounted electronic release with multi-point hold-open	All	All	All	USA
3130SE Series ◆	Concealed mounted - sized cylinder	All	All	All	USA
4040SE Series ◆	Hinge side mount, non-sized cylinders	All	All	All	USA
4310HSA Series ◆	Scanner activated hold-open	All	All	All	USA
4310ME Series ◆	Electronic release with multi-point hold-open	All	All	All	USA
4410HSA Series	Scanner activated hold-open	All	All	All	USA
4410ME Series ◆	Electronic release with multi point hold open	All	All	All	USA

◆ Extended lead times apply to specific finishes. Add an additional 2 weeks for custom RAL finishes and 4 weeks for Plated finishes to standard lead time.

Falcon

Door closers

Product	Description	Screw pack	Finish	TAA COO
OHC100A Series	Overhead concealed	All	All standard	Taiwan

Note: Falcon closers listed on this page qualify for BAA projects above the qualifying designated country threshold. See “When could BAA apply?” on page 4 and 5 for more details.

Automatic operators

Product	Description	Arm	Screw pack	Finish	BAA COO
8230 Series	Electro mechanical - flush or surface (pull side) mount	All	All	All	USA
8240 Series	Electro mechanical - flush or surface (push side) mount	All	All	All	USA

Exit devices

Von Duprin

Exit devices

Product	Description	Type	Function	Trim	Finish	BAA COO
22 Series	Rim, surface vertical rod	Panic, fire	All	All	All	USA
33A/35A Series	Rim, surface vertical rod, concealed vertical rod, concealed vertical cable	Panic, fire	All	All	All	USA
55 Series	Rim, concealed vertical rod, wood door concealed vertical rod, mortise lock	Panic, fire	All	All	All	USA
88 Series	Rim, surface vertical rod, concealed vertical rod, mortise lock	Panic, fire	All	All	All	USA
94/95 Series	Concealed vertical rod, mortise lock	Panic, fire	All	All	All	USA
98/99 Series	Rim, surface vertical rod, concealed vertical rod, concealed vertical cable, Wood door concealed vertical rod, Surface three point latch, mortise lock	Panic, fire	All	All		USA
XP98/99 Series ‡	Rim	Panic Panic, fire	All	All	All	USA

‡ Meets A.T.F.P. Bomb blast criteria. Approved under ASTM F 1642 test method.

Exit devices

Von Duprin (cont.)

Mullions/other

Product	Description	Finish	BAA COO
2670 GUARD-X	Exit alarm lock	628, 710, 711	USA
4954	Steel mullion - prepped for (2) 299 strikes	689, 695	USA
KR4954	Steel mullion w/keyed removable option - prepped for (2) 299 strikes	689, 695	USA
9954	Steel mullion - prepped for (2) 499f or 268 strikes	689, 695	USA
KR9954	Steel mullion w/keyed removable option - prepped for (2) 499f or 268 strikes	689, 695	USA
5654	Aluminum Mullion - prepped for two 299 strikes	All	USA
5654-XP	Prepped for two 909 Strikes, for the XP device	All	USA
576A	Mortise lock strike, 55/88/98/9975, pairs 1 3/4" dr - optional	All	USA

Falcon

Exit devices

Product	Description	Type	Function	Trim	Finish	BAA COO
19-R Series	Rim, non-handed	Panic, fire	All	All	All	USA
19-V Series	Reversible vertical rod	Panic, fire	All	All	All	USA
24-R Series	Rim, narrow stile	Panic, fire	All	All	All	USA
24-V Series	Surface vertical rod, narrow stile	Panic, fire	All	All	All	USA
24-C Series	Concealed vertical rod, narrow stile	Panic, fire	All	All	All	USA
24-CWDC Series	Wood door concealed vertical rod	Panic, fire	All	All	All	USA
25-R Series	Rim, wide stile	Panic, fire	All	All	All	USA
25-V Series	Surface vertical rod, wide stile	Panic, fire	All	All	All	USA
25-M Series ‡	Mortise, wide stile	Panic, fire	All	All	All	USA
25-C Series	Concealed vertical rod, wide stile	Panic, fire	All	All	All	USA
25-CWDC Series	Wood door concealed vertical rod	Panic, fire	All	All	All	USA
1490 Series	Pushpad, hurricane rated	Panic	All	All	All	USA
1590 Series	Rim, pushpad	Panic	All	All	All	USA
1690 Series	Concealed vertical rod	Panic	All	All	All	USA
1790 Series	Rim	Panic	All	All	All	USA
1990	Concealed vertical rod, cross bar	Panic	All	All	All	USA
2090	Rim, cross bar	Panic	All	All	All	USA
2390	Mid-panel, concealed vertical rod	Panic	All	All	All	USA

‡ Meets A.T.F.P. Bomb blast criteria. Approved under ASTM F 1642 test method.

Mullions

Product	Description	Finish	BAA COO
2923	For use with all rim devices	Prime	USA
4023	For use with all rim devices	689	USA
KR-4023	Keyed removable option	689	USA
F4023	For use with fire rated rim devices	689	USA
KR-F-4023	Keyed removable option	689	USA

Auxiliary hardware

Glynn-Johnson

Overhead holders and stops
All overhead holders and stops by Glynn-Johnson meet BAA requirements with a country of origin of USA.
The list below displays the most common items.

70 Series

Product	Description	Finish	BAA COO
704H	70 Series, size 4, hold-open - heavy-duty surface	All	USA
704S	70 Series, size 4, stop-only - heavy-duty surface	All	USA

81 Series heavy-duty surface

Product	Description	Finish	BAA COO
814H	81 Series, size 4, hold-open - heavy-duty surface	All	USA
814S	81 Series, size 4, stop-only - heavy-duty surface	All	USA

90 Series

Product	Description	Finish	BAA COO
903H	90 Series, size 3, hold-open - heavy-duty surface	All	USA
904H	90 Series, size 4, hold-open - heavy-duty surface	All	USA
905H	90 Series, size 5, hold-open - heavy-duty surface	All	USA
906H	90 Series, size 6, hold-open - heavy-duty surface	All	USA
903S	90 Series, size 3, stop-only - heavy-duty surface	All	USA
904S	90 Series, size 4, stop-only - heavy-duty surface	All	USA
905S	90 Series, size 5, stop-only - heavy-duty surface	All	USA
906S	90 Series, size 6, stop-only - heavy-duty surface	All	USA

100 Series

Product	Description	Finish	BAA COO
103H, 104H	70 Series, size 4, hold-open - heavy-duty surface	All	USA
105H, 106H	100 Series, size 5 or 6, hold-open - heavy-duty concealed	All	USA
103S, 104S	100 Series, size 3 or 4, stop-only - heavy-duty concealed	All	USA
105S, 106S	100 Series, size 5 or 6, stop-only - heavy-duty concealed	All	USA
106F	100 Series, size 5 or 6, friction hold-open - heavy-duty concealed	All	USA
106HP	100 Series, size 5 or 6, internal hold-open - heavy-duty concealed	All	USA

410 Series

Product	Description	Finish	BAA COO
413H	410 Series, size 3, hold-open - medium-duty concealed	All	USA
414H	410 Series, size 4, hold-open - medium-duty concealed	All	USA
413S	410 Series, size 3, stop-only - medium-duty concealed	All	USA
414S	410 Series, size 4, stop-only - medium-duty concealed	All	USA

450 Series

Product	Description	Finish	BAA COO
451H	450 Series, size 1, hold-open- medium-duty surface	All	USA
452H	450 Series, size 2, hold-open- medium-duty surface	All	USA
453H	450 Series, size 3, hold-open- medium-duty surface	All	USA
454H	450 Series, size 4, hold-open- medium-duty surface	All	USA
455H	450 Series, size 5, hold-open- medium-duty surface	All	USA
451S	450 Series, size 1, stop-only- medium-duty surface	All	USA
452S	450 Series, size 2, stop-only- medium-duty surface	All	USA
453S	450 Series, size 3, stop-only- medium-duty surface	All	USA
454S	450 Series, size 4, stop-only- medium-duty surface	All	USA
455S	450 Series, size 5, stop-only- medium-duty surface	All	USA

Ives

Hinges

Product	Description	Finish	TAA COO
BAA 5BB1 4.5 x 4.5	Five knuckle, ball bearing, standard weight	630, 652	Taiwan
BAA 5BB1 4.5 x 4.5 NRP	Five knuckle, ball bearing, standard weight, non-removable pin	630, 652	Taiwan
BAA 5BB1 4.5 x 4.5 TW8	Five knuckle, ball bearing, standard weight - 8" through-wire	630, 652	Taiwan
BAA 5BB1HW 4.5 x 4.5	Five knuckle, ball bearing, heavy weight	630, 652	Taiwan
BAA 5BB1HW 4.5 x 4.5 NRP	Five knuckle, ball bearing, heavy weight, non-removable pin	630, 652	Taiwan
BAA 5BB1HW 4.5 x 4.5 TW8	Five knuckle, ball bearing, heavy weight - 8" through-wire	630, 652	Taiwan
BAA 5BB1HW 5 x 4.5	Five knuckle, ball bearing, heavy weight	630, 652	Taiwan
BAA 5BB1HW 5 x 4.5 NRP	Five knuckle, ball bearing, heavy weight, non-removable pin	630, 652	Taiwan
BAA 5BB1HW 5 x 4.5 TW8	Five knuckle, ball bearing, heavy weight, 8" through-wire	652	Taiwan
BAA 5BB1HWBSC 4.5	Five knuckle, ball bearing, heavy weight, swing clear	652	Taiwan

Continuous hinges

Product	Description	Finish	BAA COO	TAA COO
600*	Concealed hinge - pin and barrel	USP	-	Canada
602*	Full surface, flush mount - pin and barrel	USP	-	Canada
611*	Swing clear - pin and barrel	USP	-	Canada
700*	Concealed hinge - pin and barrel	US32D	-	Canada
702*	Full surface, flush mount - pin and barrel	US32D	-	Canada
705*	Concealed hinge - pin and barrel	US32D	-	Canada
711*	Swing clear, flush mount, surface hinge - pin and barrel	US32D	-	Canada
715*	Concealed hinge, flush mounted, half wrap - pin and barrel	US32D	-	Canada
700CS*	Concealed hinge - pin and barrel	US32D	-	Canada
711CS*	Swing clear, flush mount, surface hinge - pin and barrel	US32D	-	Canada
715CS*	Concealed hinge, flush mounted, half wrap - pin and barrel	US32D	-	Canada
026XY*	Heavy-duty, full-mortise, geared	US28, 313AN	USA	-
027XY*	Heavy-duty, full-mortise, geared	US28, 313AN	USA	-
040XY*	Heavy-duty, full-mortise, wide throw, geared	US28, 313AN	USA	-
041XY*	Heavy-duty, full-mortise, swing clear, geared	US28, 313AN	USA	-
045XY*	Heavy duty, half surface - geared	US28, 313AN	USA	-
046XY*	Heavy duty, half surface - geared	US28, 313AN	USA	-
053XY*	Heavy duty, half surface - geared	US28, 313AN	USA	-
054XY*	Heavy duty, half surface - geared	US28, 313AN	USA	-
112HD*	Heavy duty, full mortise - geared	US28, 313AN	USA	-
112XY*	Heavy-duty, full-mortise, geared	US28, 313AN	USA	-
114XY*	Heavy-duty, full-mortise, geared	US28, 313AN	USA	-
157XY*	Heavy duty, full mortise - geared	US28, 313AN	USA	-
210XY*	Heavy duty, full surface, swing clear - geared	US28, 313AN	USA	-
224HD*	Heavy duty, full mortise - geared	US28, 313AN	USA	-
224XY*	Heavy-duty, full-mortise, geared	US28, 313AN	USA	-

* Standard lengths include: 83", 85", 95", 120". Custom lengths and all options also available. (i.e. EPT cut-out)
Note: Ives hinges listed on this page qualify for BAA projects above the qualifying designated country threshold. Other Ives hinges not listed here may qualify for BAA projects above the qualifying designated country threshold. See pages 4 and 5 for more details.

Ives (cont.)

Pivots

Product	Description	Finish	BAA COO	TAA COO
7212 Pivot	3/4" Offset pivots, 200 lb, top - header, btm - jamb	All	USA	-
7212V Pivot	3/4" Offset pivots, 200 lb, top - jamb, btm - jamb	All	USA	-
7215/7215F Pivot	3/4" Offset pivots, 500 lb, top - header, btm - jamb	All	USA	-
7222 Pivot	3/4" Offset pivots, 200 lb, top - header, btm - base	All	USA	-
7212-7212V-7222 INT	Intermediate pivot for 7212, 7212v and 7222	All	USA	-
7226/7226F Pivot	3/4" Offset pivots, 600 lb, top - header, btm - base	All	USA	-
7227/7227F Pivot	3/4" Offset pivots, 700 lb, top - header, btm - base	All	USA	-
7215-7226-7227 INT	Intermediate pivot for 7215, 7226 and 7227	All	USA	-
7215F-7226F-7227F INT	Intermediate pivot for 7215F, 7226F and 7227F	All	USA	-
7215PT-7226PT-7227PT	Power Transfer Pivot for 7215, 7226, 7227	All	USA	-
7230F Pivot	3/4" Offset pivots, 1000 lb, top - header, btm - base	All	USA	-
7237F Pivot	3/4" Offset pivots, 1750 lb, top - header, btm - base	All	USA	-
7230F-7237F INT	Intermediate pivot for 7230F, 7237F	All	USA	-
7244F Pivot	1 1/2" Offset pivots, 400 lb, top - header, btm - base	All	USA	-
7245F Pivot	1 1/2" Offset pivots, 500 lb, top - header, btm - base	All	USA	-
7244F-7245F INT	Intermediate pivot for 7244F, 7245F	All	USA	-
7253 Pivot	Center-hung pivot set, 300 lb, top - header, btm - base	All	USA	-
7255 Pivot	Center-hung pivot set, 500 lb, top - header, btm - base	All	USA	-
7255J Pivot	Center-hung pivot set, 500 lb, top - header, btm - jamb	All	USA	-
7256 Pivot	Center-hung pivot set, 600 lb, top - header, btm - base	All	USA	-
7259 Pivot	Center-hung pivot set, 1000 lb, top - header, btm - base	All	USA	-
91105F/91105F-PT	Pocket pivot/hinge and Power Transfer, 90 lb		USA	-

Protection plates, push/pull plates, and pulls

Product	Description	Finish	BAA COO	TAA COO
8200	Push plate	All	USA	-
8300 Series	Pull plates - 8302, 8303, 8305, 8311	All	USA	-
8400, 8402	Protection plates - all sizes	All	USA	-
9100 Series	Pushbar and Pull Combo - 9100HD, 9103EZHD, 9145EZHD, 9190HDm 9190EZHD	All	-	Canada
9264/9266	Long door pulls	All	-	Canada
VR810, VR814	Vandal resistant trim - all functions	All	USA	-
VR900, VR904	Vandal resistant trim - all functions	All	USA	-
VR910, VR914	Vandal resistant trim - all functions	All	USA	-

Carry bars

Product	Description	Finish	BAA COO
CB1	Carry bar	All	USA

Invisible latches

Product	Description	Finish	BAA COO	TAA COO
CL11	Invisible latch, 7/16" x 1 1/4" x 1 7/8"	All	-	Taiwan
CL12	Invisible latch, 9/16" x 1 1/4" x 2 1/4"	All	-	Taiwan
CL14	Auxiliary pusher for invisible latches	All	USA	-
CL21/CL21A	Four-way catch — full size doors w/hook plate	All	-	Taiwan
CL22	Three-way catch	All	-	Taiwan

Ives (cont.)

Coordinators

Product	Description	Finish	BAA COO	TAA COO
COR7G	Gravity arm coordinator - 7" projection	All	-	Taiwan
COR9G	Gravity arm coordinator - 9" projection	All	-	Taiwan
COR32	Coordinator - 32" overall length	All	USA	-
COR42	Coordinator - 42" overall length	All	USA	-
COR52	Coordinator - 52" overall length	All	USA	-
COR60	Coordinator - 60" overall length	All	USA	-
C0R72	Coordinator - 72" overall length	All	USA	-

Dust proof strikes

Product	Description	Finish	TAA COO
DP1	Dust-proof strike - threshold only	All	Taiwan
DP2	Dust-proof strike	All	Taiwan

Door viewer

Product	Description	Finish	TAA COO
U696	UL Listed door viewer (150°) - Fits 1 3/8" - 2 1/16"	All	Taiwan
698	Wide Angle door viewer - Fits 1 3/8" - 2 1/16"	All	Taiwan
U698	Wide Angle door viewer - Fits 1 3/8" - 2 1/16"	All	Taiwan
700	Door viewer (120°) - 1 3/8" - 2 1/16"	All	Taiwan
U700	UL Listed door viewer (120°) - 1 3/8" - 2 1/16"	All	Taiwan
701	Door viewer (120°) - Fits 2 1/8" - 2 5/8"	All	Taiwan
U701	UL Listed door viewer - Fits 2 1/8" - 2 5/8"	All	Taiwan

Flush bolts

Product	Description	Finish	BAA COO
FB31, FB32, FB33	Automatic flush bolt — metal	All	USA
FB41, FB42	Automatic flush bolt — wood	All	USA
FB51, FB52, FB53	Constant latching flush bolt — metal	All	USA
FB61, FB62	Constant latching flush bolt — wood	All	USA

Filler bars

Product	Description	Finish	BAA COO
FL20	Filler bar — 20" overall length	All	USA
FL32	Filler bar — 32" overall length	All	USA
FL44	Filler bar — 44" overall length	All	USA

Floor/door stops and holders

Product	Description	Finish	TAA COO
FS13, FS17	Dome stop	All	Taiwan
R14	Dome stop riser	All	Taiwan
FS434	Floor stop	US2C	Taiwan
FS18L	Security floor stop — 3 1/2" bumper	-	Taiwan
FS18S	Security floor stop	-	Taiwan
FS9	Semi-Automatic floor holder — 1 1/2" or less door to floor clearance	All	Taiwan
FS40, FS41, FS42, FS43	Automatic floor holder — 1/2" to 2 1/16" door to floor clearance	All	Taiwan
FS544-4"	Kick down door holder — iron	All	Taiwan
FS555-5"	Kick down door holder — iron	All	Taiwan
FS1153	Plunger-type door holder — 1 5/8" throw	US28	Taiwan
FS1154	Plunger-type door holder — 1 1/4" throw	All	Taiwan

Auxiliary hardware

Ives (cont.)

Lock guards

Product	Description	Finish	BAA COO
LG1	Lock guard with security pin	All	USA
LG7	Lock guard	All	USA
LG10	Lock guard	All	USA
LG11	Lock guard	All	USA
LG12	Lock guard - narrow	All	USA
LG13	Lock guard	All	USA
LG14	Lock guard	All	USA

Mounting brackets

Product	Description	Finish	BAA COO	TAA COO
MB1	Mounting bracket — stops over 2 1/2"	All	-	Taiwan
MB2	Mounting bracket — stops up to 2 1/2"	All	-	Taiwan

Roller latches

Product	Description	Finish	TAA COO
RL30, RL30-A	Roller latch	All	Taiwan
RL32, RL32-A	Roller latch	All	Taiwan
RL36, RL36A	Roller latch, light-duty, mortise	US32D	Taiwan
RL38	Roller latch, light-duty, surface mounted	US32D	Taiwan
RL1152	Combination roller latch/applied stop	All	Taiwan

Locking bolts

Product	Description	Finish	BAA COO	TAA COO
SB1630B	8" Steel bottom bolt	US2G, US26D	-	Taiwan
SB1630BL-1289	8" Locking bottom bolt	All	USA	-
SB1630BL-1360	8" Locking bottom bolt	All	USA	-
SB1630T	8" Steel top bolt	US2G, US26D	-	Taiwan
SB1630TB	8" Steel bolt with top and bottom strikes	US2G, US26D	-	Taiwan
SB1630TL-1289	8" Locking top bolt	All	USA	-
SB1630TL-1360	8" Locking top bolt	All	USA	-

Wall stops/holders

Product	Description	Finish	TAA COO
WS11, WS11X	Wall stop for drywall, masonry mounting	All	Taiwan
WS33, WS33X	Automatic holder and stop universal	US26D	Taiwan
WS20, WS20X	Automatic holder and stop universal	All	Taiwan
WS40	Wall stop for drywall, masonry mounting	All	Taiwan
WS45, WS45X	Manual holder and stop (drywall, masonry)	All	Taiwan
411R-W	Adhesive wall bumper	White	Taiwan

Zero

Automatic door bottom

Product	Description	Function	Finish[1]	BAA COO	TAA COO
320	Aluminum with neoprene seal, mortised, regular duty	Sill protection	AA	USA	–
321	Aluminum with neoprene seal, surface mounted, regular duty, handed	Sill protection	AA, D	USA	–
323	Aluminum with neoprene seal, mortised, regular duty, handed	Sill protection	AA	USA	–
350	Aluminum with neoprene seal, mortised, regular duty	Sill protection	AA	USA	–
351	Aluminum with neoprene seal, surface-mounted, regular duty	Sill protection	AA, D, G	USA	–
352	Aluminum with neoprene seal, semi-mortised, regular duty	Sill protection	AA, D	USA	–
360	Aluminum with neoprene seal, mortised, heavy duty	Sill protection	AA	USA	–
361	Aluminum with neoprene seal, surface-mounted, heavy duty	Sill protection	AA, D, G	USA	–
362	Aluminum with neoprene seal, semi-mortised, heavy duty	Sill protection	AA, D, G	USA	–
364	Aluminum with neoprene seal, mortised, heavy duty	Sill protection	AA	USA	–
364FS	Aluminum with neoprene seal, mortised, heavy duty, intumescent fire protection	Sill protection	AA	USA	–
365FS	Aluminum with neoprene seal, surface-mounted, heavy duty, intumescent fire protection	Sill protection	AA	USA	–
365	Aluminum with neoprene seal, surface-mounted, heavy duty	Sill protection	AA, D, G	USA	–
366	Aluminum with neoprene seal, semi-mortised, heavy duty	Sill protection	AA, D, G	USA	–
367	Aluminum with neoprene seal, surface-mounted, heavy duty, high sound	Sill protection	AA, D, G	USA	–
368	Aluminum with neoprene seal, semi-mortised, heavy duty, high sound	Sill protection	AA, D, G	USA	–
369	Aluminum with neoprene seal, mortised, heavy duty, high sound	Sill protection	AA	USA	–
3551	Aluminum with neoprene seal, mortised, regular duty	Sill protection	A	USA	–
3552	Aluminum with nylon brush seal, mortised, regular duty	Sill protection	A	USA	–
7350	Aluminum with nylon brush seal, mortised, regular duty	Sill protection	A	USA	–

Door sweeps

Product	Description	Function	Finish[1]	BAA COO	TAA COO
39	Aluminum with 1/8" x 1 3/8" neoprene seal	Sill protection	A, D	USA	–
39W	Aluminum with 1/8" x 2" neoprene seal	Sill protection	A, D	USA	–
50M	Aluminum with 1/8" x 1" beveled neoprene seal	Sill protection	AA, BK, D, G		Canada
52	Aluminum door shoe with neoprene seal	Sill protection	A	USA	–
53	Aluminum door shoe with neoprene seal	Sill protection	A	–	Canada
59FS	Aluminum with intumescent, neoprene seal, 1/4" long lip	Sill protection	A		Canada
72	Aluminum door shoe with neoprene seal	Sill protection	A	USA	–
93	Aluminum with neoprene seal	Sill protection		USA	–
95	Aluminum with neoprene seal	Sill protection	AA, BK, D, G	–	Canada
96	Aluminum with nylon brush seal, 1 1/8" long brush	Sill protection	A	USA	–
110	Aluminum with pile brush seal, surface mounted	Sill protection	A	USA	–
111	Aluminum with neoprene seal	Sill protection	AA, BK, D, G	USA	–
111FS	Aluminum door shoe with intumescent seal	Sill protection	A	USA	–
153	Aluminum with neoprene seal	Sill protection	A, D	USA	–
154	Aluminum door shoe with pile brush seal, surface mounted	Sill protection	A, BK, D, G	–	Canada
253	Aluminum with neoprene seal, mortised	Sill protection	A	USA	–
253FS	Aluminum with intumescent fire seal	Sill protection	A	USA	–
254	Aluminum with pile brush seal, mortised	Sill protection	A	USA	–
255	Aluminum with pile brush seal, surface mounted	Sill protection	AA, BK, D, G	–	Canada
329	Aluminum with 1/8" x 1" beveled neoprene seal	Sill protection	AA, D, G	USA	–
339	Aluminum with 1/8" x 1 3/8" neoprene, fire seal	Sill protection	AA, D, G	USA	–
339FS	Aluminum with neoprene and intumescent fire seal	Sill protection	AA, D	USA	–
339W	Aluminum with 1/8" x 2" neoprene seal	Sill protection	AA, D, G	USA	–

[1] Finish: A = Mill Aluminum, AA = Clear Anodized, D = Dark Bronze Anodized, G = Gold Anodized.

Zero (cont.)

Door sweeps

Product	Description	Function	Finish[1]	BAA COO	TAA COO
381	Aluminum with neoprene seal, 1/4" long lip	Sill protection	A	–	Canada
452	Aluminum door shoe with neoprene seal	Sill protection	A	USA	–
477	Aluminum with neoprene seal, 5/8" long lip	Sill protection	AA, D, G	USA	–
511	Aluminum door shoe with rubber seal	Sill protection	A, BK, D, G	USA	–
521FS	Aluminum with silicone and intumescent fire seal, up to 1 1/4" undercut	Sill protection	A	USA	–
539	Aluminum with neoprene seal, 1" long lip	Sill protection		USA	–
639W	Aluminum with 1/8" x 4" neoprene seal	Sill protection	A, D	USA	–
3544	Aluminum with nylon brush seal	Sill protection	A	–	Canada
3546	Aluminum with neoprene seal, mortised	Sill protection	A	–	Canada
8149	Aluminum with nylon brush seal, 5/8" long brush	Sill protection	AA	USA	–
8151	Aluminum with neoprene seal, 13/16" long lip	Sill protection	AA	USA	–
8191	Aluminum with neoprene lip, 13/16" long lip	Sill protection	AA, BK, D, G	–	Canada
8192	Aluminum with nylon brush seal, 5/8" long brush	Sill protection	AA,D	USA	–
8193	Aluminum with nylon brush seal, 3/8" long brush	Sill protection	AA, D	USA	–
8194	Aluminum with neoprene seal, 3/8" long lip	Sill protection	AA, D	USA	–
8197	Aluminum with neoprene seal, 3/5" long lip	Sill protection	A, BK, D, G	USA	–
8198	Aluminum rain drip with nylon brush seal, 3/8" (exposed) long brush	Sill protection	AA, D, G	USA	–

[1] Finish: A = Mill Aluminum, AA = Clear Anodized, D = Dark Bronze Anodized, G = Gold Anodized.

Perimeter seals

Product	Description	Function	Finish[1]	BAA COO	TAA COO
11	Aluminum rain drip	Head and jamb protection	AA, BK, D, G	USA	
25	Aluminum interlocking angle	Head and jamb protection	AA, BK, D, G		Canada
31	Aluminum with silicone, fire seal	Head and jamb protection	AA, BK, D, G		Canada
32	Aluminum with pile brush, fire seal	Head and jamb protection	AA, BK, D, G		Canada
33	Aluminum with silicone, fire seal	Head and jamb protection	AA, BK, D, G		Canada
50	Aluminum with neoprene, fire seal	Head and jamb protection	AA, BK, D, G		Canada
51	Aluminum finger guard with flexible rubber	Head and jamb protection	A, BK, D G	USA	
58FS	Aluminum with silicone, intumescent, fire seal	Head and jamb protection	AA, BK, D, G		Canada
98	Aluminum with pile brush, fire seal	Head and jamb protection	A, BK, D G	USA	
99	Aluminum with neoprene, fire seal	Head and jamb protection	A, BK, D G	USA	
100	Aluminum with neoprene, fire seal	Head and jamb protection	A, BK, D G	USA	
139	Aluminum with neoprene, fire/sound seal	Head and jamb protection	A, BK, D G		Canada
140	Aluminum with neoprene, fire seal	Head and jamb protection	A, BK, D G	USA	
141	Aluminum rain drip	Head and jamb protection	AA, BK, D, G	USA	
142	Aluminum rain drip	Head and jamb protection	AA, BK, D, G	USA	
144	Aluminum interlocking angle	Head and jamb protection	AA, BK, D, G		Canada
170	Aluminum with neoprene, adjustable fire/sound seal	Head and jamb protection	AA, D, G	USA	–
270	Aluminum with neoprene, fire seal	Head and jamb protection	A, BK, D G	USA	
272	Aluminum with neoprene, fire seal	Head and jamb protection	A, BK, D G	USA	
302FS	Aluminum with neoprene, intumescent, fire seal	Head and jamb protection	AA, BK, D, G	USA	
312	Aluminum with neoprene, fire/sound seal	Head and jamb protection	A, BK, D G		Canada
312N	Neoprene with PSA, fire seal	Head and jamb protection	BK	USA	
314	Aluminum with neoprene, fire seal	Head and jamb protection	AA, BK, D, G	USA	
318	Aluminum with neoprene, fire/sound seal	Head and jamb protection	AA, BK, D, G	USA	
318N	Neoprene with PSA, fire seal	Head and jamb protection	BK	USA	
328	Aluminum with neoprene, fire seal	Head and jamb protection	AA, D, G	USA	–
328FS	Aluminum with neoprene, intumescent, fire seal	Head and jamb protection	AA, BK, D, G	USA	–
370	Aluminum with vinyl, magnet, sound seal	Head and jamb protection	A, BK, D G	USA	
375	Aluminum with vinyl, magnet, sound seal	Head and jamb protection	A, BK, D G		Canada
376	Aluminum with neoprene, fire seal	Head and jamb protection	AA, BK, D, G		Canada

Zero (cont.)

Perimeter seals

Product	Description	Function	Finish[1]	BAA COO	TAA COO
429	Aluminum with silicone, fire seal	Head and jamb protection	AA, BK, D, G		Canada
470	Aluminum with neoprene seal	Head and jamb protection	AA, BK, D, G	USA	
470	Aluminum with neoprene seal	Head and jamb protection	AA, BK, D, G		Canada
472	Aluminum with neoprene seal	Head and jamb protection	AA, BK, D, G	USA	
472	Aluminum with neoprene seal	Head and jamb protection	AA, BK, D, G		Canada
475	Aluminum with neoprene bulb fire/smoke seal	Head and jamb protection	AA, D, G	USA	–
478	Aluminum with neoprene, fire seal	Head and jamb protection	AA, BK, D, G	USA	
485	Aluminum with neoprene, fire/sound seal	Head and jamb protection	AA, BK, D, G	USA	
570	Aluminum with silicone, fire seal	Head and jamb protection	AA, BK, D, G	USA	
712	Aluminum with silicone, adjustable fire seal	Head and jamb protection	AA, BK, D, G		Canada
770	Aluminum with neoprene, adjsutable fire seal	Head and jamb protection	SP, STST	USA	
870	Aluminum with silicone, adjustable fire seal	Head and jamb protection	AA, D	USA	–
971BIO	Aluminum finger guard with antibacterial rubber	Head and jamb protection	A, BK, D G		Canada
972BIO	Aluminum finger guard with antibacterial rubber	Head and jamb protection	A, BK, D G		Canada
973BIO	Aluminum finger guard with antibacterial rubber	Head and jamb protection	A, BK, D G		Canada
974BIO	Aluminum finger guard with antibacterial rubber	Head and jamb protection	A, BK, D G		Canada
951	Aluminum finger guard with flexible rubber	Head and jamb protection	A, BK, D G	USA	
1370	Aluminum with neoprene, fire seal	Head and jamb protection	A, BK, D G	USA	
3709	Aluminum with neoprene seal	Head and jamb protection	AA, BK, D, G	USA	
5831	Aluminum with silicone seal	Head and jamb protection	AA, BK, D, G		Canada
5831FS	Aluminum with silicone, intumescent, fire seal	Head and jamb protection	AA, BK, D, G		Canada
5832	Aluminum with pile brush seal	Head and jamb protection	AA, BK, D, G		Canada
5832FS	Aluminum with pile brush, intumescent, fire seal	Head and jamb protection	AA, BK, D, G		Canada
5833	Aluminum with silicone seal	Head and jamb protection	AA, BK, D, G		Canada
7770	Aluminum with double neoprenes, adjustable fire/ sound seal	Head and jamb protection	AA, D, G	USA	–
8049R	Aluminum with neoprene seal	Head and jamb protection	A		Canada
8302	Aluminum with neoprene, fire/sound seal	Head and jamb protection	AA, BK, D, G		Canada
8303	Aluminum with silicone, fire seal	Head and jamb protection	AA, BK, D, G		Canada
8305	Aluminum with nylon brush, fire seal	Head and jamb protection	AA, BK, D, G		Canada
8877	Aluminum with neoprene, fire seal	Head and jamb protection	AA, BK, D, G		Canada
8878	Aluminum with silicone, fire seal	Head and jamb protection	AA, BK, D, G		Canada
8879	Aluminum with nylon brush, fire seal	Head and jamb protection	AA, BK, D, G		Canada

Thresholds

Product	Description	Function	Finish[1]	BAA COO	TAA COO
48	Aluminum threshold 1 1/2" x 3/16"	Adjustable threshold	A		Canada
63	Aluminum saddle threshold 3" x 1/4", ADA compliant	Utility threshold	A, BK, D, G		Canada
64	Aluminum saddle threshold 2 1/2" x 1/4", ADA compliant	Utility threshold	A, BK, D, G		Canada
65	Aluminum rabbeted threshold 5" x 1/2" with neoprene seal, for latchtrack hardware, ADA compliant	Rabbeted threshold	A	–	Canada
68	Aluminum threshold 1 1/8" x 1/4", fire rated	Adjustable threshold	A		Canada
69	Aluminum threshold 1 1/8" x 1/4", fire rated	Adjustable threshold	A	USA	
73	Aluminum interlocking threshold 4" x 1" with neoprene seal	Interlocking threshold	A, BK, D, G	USA	
84R	Rubber threshold 1" x 1/4"	Adjustable threshold	Gray	USA	
102	Aluminum offset threshold 5 1/2" x 1/2", ADA compliant	Offset threshold	A, BK, D, G		Canada
103	Aluminum offset threshold 7" x 1/2"	Offset threshold	A, BK, D, G	USA	
104	Aluminum offset threshold 6" x 3/4"	Offset threshold	A, BK, D, G	USA	
105	Aluminum adjustable threshold 3" x 2"	Adjustable threshold	A, BK, D, G	USA	
106	Aluminum adjustable threshold 2" x 1/2"	Adjustable threshold	A, BK, D, G	USA	
164	Aluminum threshold 4" x 1/2"	Utility threshold	A, BK, D, G	USA	
168	Aluminum adjustable threshold, 1 5/16" x 3/4", fire rated	Adjustable threshold	A, BK, D, G		Canada

Zero (cont.)

Thresholds

Product	Description	Function	Finish[1]	BAA COO	TAA COO
175	Aluminum interlocking threshold 5" x 7/8"	Interlocking threshold	A, BK, D, G	USA	
232	Aluminum ramp 6" x 1"	Ramp	A, BK, D, G		Canada
233	Aluminum ramp 3" x 3/4"	Ramp	A, BK, D, G		Canada
234	Aluminum ramp 3" x 1/2"	Ramp	A, BK, D, G	USA	
235	Aluminum ramp 3" x 1/4"	Ramp	A, BK, D, G	USA	
236	Aluminum ramp 6" x 1/2"	Ramp	A, BK, D, G	USA	
237	Aluminum ramp 3 1/2" x 1/2"	Ramp	A, BK, D, G	USA	
238	Aluminum ramp 3 1/2" x 3/4"	Ramp	A, BK, D, G	USA	
2361	Aluminum ramp 4" x 1/2"	Ramp	AA	USA	
259R	Rubber ramp 6" x 1/4", ADA compliant	Ramp	BK	USA	
265	Aluminum rabbeted threshold 5" x 5/8" with neoprene seal	Rabbeted threshold	A, BK, D, G		Canada
267	Aluminum rabbeted threshold 1 3/4" x 5/8"	Rabbeted threshold	A, BK, D, G	USA	
268	Aluminum adjustable threshold 1" x 3/8"	Adjustable threshold	A, BK, D, G	USA	
269	Aluminum connection plate 2" x 1/4"	Adjustable threshold	A	USA	
304	Aluminum half saddle threshold 1 1/2" x 7/16"	Half saddle threshold	A, BK, D, G		Canada
469	Aluminum connection plate 2" x 1/8"	Adjustable threshold	A		Canada
522	Aluminum carpet divider threshold 1 7/16" x 1/2"; wood or rubber insert available for thermal break function	Carpet divider	A	USA	–
523	Aluminum half saddle threshold 3" x 7/8"	Half saddle threshold	A, BK, D, G		Canada
524	Aluminum half saddle threshold 3" x 7/8" with neoprene seals	Half saddle threshold	A, BK, D, G		Canada
525	Aluminum thermal break threshold 5" x 7/8" with neoprene seal	Thermal break threshold	A, BK, D, G		Canada
526	Aluminum thermal break threshold 6" x 7/8" with neoprene seal	Thermal break threshold	A, BK, D, G		Canada
544	Aluminum saddle threshold 4" x 1/4", ADA compliant	Utility threshold	A	–	Canada
545	Aluminum saddle threshold 5" x 1/4", ADA compliant	Utility threshold	A, D	USA	–
546	Aluminum saddle threshold 6" x 1/4", ADA compliant	Utility threshold	A	–	Canada
547	Aluminum saddle threshold 7" x 1/4", ADA compliant	Utility threshold	A	–	Canada
548	Aluminum saddle threshold 8" x 1/4", ADA compliant	Utility threshold	A	–	Canada
560	Aluminum rabbeted threshold 5" x 7/8" with neoprene seal	Rabbeted threshold	A, BK, D, G		Canada
561	Aluminum rabbeted threshold 4 1/2" x 1" with neoprene seal	Rabbeted threshold	A, BK, D, G		Canada
563	Aluminum rabbeted threshold 3 9/16" x 7/8" with neoprene seal	Rabbeted threshold	A, BK, D, G	USA	
564	Aluminum rabbeted threshold 3 11/16" x 1/2" with neoprene seal	Rabbeted threshold	A, D	–	Canada
565	Aluminum rabbeted threshold 4 7/8" x 7/8" with neoprene seal	Rabbeted threshold	A, BK, D, G		Canada
566	Aluminum rabbeted threshold 5" x 1/2" with neoprene seal, ADA compliant	Rabbeted threshold	A	USA	–
568	Aluminum rabbeted threshold 6" x 1/2" with neoprene seal, ADA compliant	Rabbeted threshold	A	USA	–
622	Aluminum half saddle threshold 1 15/16" x 1/2", ADA compliant	Half saddle threshold	A	–	Canada
623	Aluminum half saddle threshold 3" x 1/2", ADA compliant	Half saddle threshold	A, BK, D, G		Canada
624	Aluminum thermal break threshold 4" x 1/2"	Thermal break threshold	A, BK, D, G		Canada
625	Aluminum thermal break threshold 5" x 1/2"	Thermal break threshold	A, BK, D, G		Canada
626	Aluminum thermal break threshold 6" x 1/2"	Thermal break threshold	A, BK, D, G		Canada
627	Aluminum half saddle threshold 2" x 1/2" with neoprene seal	Half saddle threshold	A, BK, D, G		Canada
628	Aluminum half saddle threshold 3" x 1/2" with neoprene seal	Half saddle threshold	A, BK, D, G		Canada
643	Aluminum carpet divider threshold 3" x 1"	Carpet divider	A, BK, D, G	USA	
653	Aluminum saddle threshold 3" x 1/2", ADA compliant	Utility threshold	A, BK, D, G		Canada
654	Aluminum saddle threshold 4" x 1/2", ADA compliant	Utility threshold	A	–	Canada

[1] Finish: A = Mill Aluminum, AA = Clear Anodized, D = Dark Bronze Anodized, G = Gold Anodized, , STST = Stainless Steel.

Zero (cont.)

Thresholds

Product	Description	Function	Finish[1]	BAA COO	TAA COO
655	Aluminum saddle threshold 5" x 1/2"	Utility threshold	A, BK, D, G	USA	
656	Aluminum threshold 6" x ½", ADA compliant	Utility threshold	A	–	Canada
657	Aluminum saddle threshold 7" x ½ ", for floor closer applications	Utility threshold	A	–	Canada
663	Aluminum rabbeted threshold 3" x ⅜"	Rabbeted threshold	A, BK, D, G		Canada
664	Aluminum saddle threshold 4" x ½", ADA compliant	Utility threshold	A, STST	USA	–
669DP	Aluminum diamond plate bulkhead threshold, custom dimensions	Bulkhead threshold	A	USA	
672	Aluminum floor plate threshold 2" x ¼"	Adjustable threshold	A	USA	–
673	Aluminum floor plate threshold 3" x ¼"	Adjustable threshold	A	USA	–
674	Aluminum floor plate threshold 4" x ¼"	Adjustable threshold	A	USA	–
675	Aluminum floor plate adjustable threshold 5" x ¼"	Adjustable threshold	A	USA	–
676	Aluminum floor plate adjustable threshold 6" x ¼"	Adjustable threshold	A	USA	–
678	Aluminum floor plate adjustable threshold 8" x ¼"	Adjustable threshold	A	USA	–
1545	Aluminum half saddle threshold 2 ½" x ¼"	Half saddle threshold	A, BK, D, G	USA	
1673	Aluminum half saddle threshold 3" x ½"	Half saddle threshold	A, BK, D, G	USA	
1674	Aluminum half saddle threshold 4" x ¼"	Half saddle threshold	A, BK, D, G		Canada
1675	Aluminum half saddle threshold 5" x ¼"	Half saddle threshold	A, BK, D, G		Canada
1682	Aluminum carpet divider threshold 1 ¾" x ½"	Carpet divider	A, BK, D, G	USA	
1684	Aluminum carpet divider threshold 4" x ½"	Carpet divider	A, BK, D, G		Canada
1685R	Rubber carpet divider threshold 2 ¾" x ¾"	Carpet divider	BK	USA	
1686R	Rubber carpet divider threshold 2" x ¾"	Carpet divider	BK	USA	
2673	Traction tread aluminum stair nosing 3" x ¼", fire rated	Adjustable threshold	A	–	Canada
2676	Traction tread aluminum stair nosing 6" x ¼", fire rated	Adjustable threshold	A	–	Canada
3672	Traction tread aluminum plate 2" x ¼", fire rated	Adjustable threshold	A	USA	–
3673	Traction tread aluminum plate 3" x ¼"	Adjustable threshold	A, BK, D, G	USA	
3674	Traction tread aluminum plate 4" x ¼", fire rated	Adjustable threshold	A, BK, D, G	USA	
3675	Traction tread aluminum plate 5" x ¼", fire rated	Adjustable threshold	A, BK, D, G	USA	
3676	Traction tread aluminum plate 6" x ¼", fire rated	Adjustable threshold	A, BK, D, G	USA	
6570	Aluminum threshold 7" x ½", ADA compliant	Utility threshold	A	–	Canada
6575	Aluminum saddle threshold 7 ½" x ½"	Utility threshold	A, BK, D, G		Canada
6710	Aluminum floor plate adjustable threshold 10" x ¼"	Adjustable threshold	A	USA	–
8452	Aluminum adjustable threshold 1 ¾" x 1" with EPDM seal, fire rated	Adjustable threshold	A, BK, D, G	USA	
8655	Aluminum saddle threshold 5" x ½", ADA compliant	Utility threshold	A	–	Canada
8724	Aluminum thermal break threshold 5 ⅝" x ½", ADA compliant	Thermal break threshold	A, BK, D, G		Canada
8726	Aluminum thermal break threshold 7 ⅝" x ½", ADA compliant	Thermal break threshold	A, BK, D, G		Canada
8729	Aluminum thermal break threshold 6 ⅝" x ½"	Thermal break threshold	A, BK, D, G		Canada

[1] Finish: A = Mill Aluminum, AA = Clear Anodized, D = Dark Bronze Anodized, G = Gold Anodized, , STST = Stainless Steel.

Zero (cont.)

Meeting stiles

Product	Description	Function	Finish[1]	BAA COO	TAA COO
34	Aluminum meeting stile with pile brush seal, bull-nosed doors, both doors active	Meeting stile	AA, BK, D, G		Canada
35	Aluminum meeting stile with silicone seal, bull-nosed doors, both doors active	Meeting stile	AA, BK, D, G		Canada
36	Aluminum meeting stile with silicone seal, bull-nosed doors, both doors active	Meeting stile	AA, BK, D, G		Canada
38	Aluminum meeting stile with EPDM rubber, bull-nosed doors, both doors active	Meeting stile	AA, BK, D, G		Canada
40	Aluminum magnetic astragal, one door active	Astragal	AA, BK, D, G		Canada
41	Aluminum with pile brush seal exterior security astragal, one door active	Astragal	AA, D	–	Canada
43	Aluminum security astragal, one door active	Astragal	SP, STST	USA	
44	Aluminum astragal, one door active	Astragal	STST	USA	
47	Aluminum astragal, one door active	Astragal	AA, BK, D, G	USA	
55, 155	Adjustable surface aluminum astragal with brush seal	Astragal	AA, D	USA	–
55, 555	Adjustable surface aluminum astragal with silicone fire seal, both doors active	Astragal	AA, D	USA	–
55FS, 555FS	Adjustable surface aluminum astragal with intumescent/silicone fire seal, both doors active	Astragal	AA, D	USA	–
56	Adjustable mortised aluminum astragal with brush seal, both doors active	Astragal	AA, D, G	USA	–
56, 557	Adjustable mortised aluminum astragal with silicone fire seal, both doors active	Astragal	AA, D	USA	–
56FS, 557FS	Adjustable mortised aluminum astragal with intumescent/silicone fire seal, both doors active	Astragal	AA, D, G	USA	–
140FS	Aluminum astragal with intumescent/neoprene fire seals, one door active	Astragal	A	USA	–
156	Adjustable aluminum meeting stile with pile brush seal, bull-nosed doors	Astragal	AA, BK, D, G		Canada
159FS	Aluminum meeting stile with intumescent/silicone fire seal, bull-nosed doors, both doors active	Meeting stile	A		Canada
322	Aluminum astragal with sponge neoprene fire seals, one door active	Astragal	A	–	Canada
326	Aluminum astragal with neoprene seals, both doors active	Astragal	AA, D, G	USA	–
383	Aluminum astragal with neoprene seals, one door active	Astragal	AA, D	–	Canada
383FS	Aluminum astragal with neoprene seal/intumescent, one door active	Astragal	AA, D	–	Canada
398V	Aluminum meeting stile with pile brush seal, bull-nosed doors, both doors active	Meeting stile	Solid brown	USA	
399V	Aluminum meeting stile with silicone seal, bull-nosed doors, both doors active	Meeting stile	Solid brown	USA	
871	Adjustable aluminum meeting stile with pile brush seal, beveled doors	Meeting stile	AA, BK, D, G		Canada
873	Adjustable aluminum meeting stile with silicone seal, beveled doors	Meeting stile	AA, BK, D, G		Canada
905	Aluminum astragal, one door active	Astragal	AA, BK, D, G		Canada
1840	Aluminum astragal with sponge neoprene seal, one door active	Astragal	AA, D	–	Canada
3056FS, 3557FS	Adjustable mortised aluminum astragal with intumescent/silicone fire seal, both doors active	Astragal	AA, D, G	USA	–
8195	Aluminum meeting stile with neoprene lip, beveled doors, both doors active	Meeting stile	AA, BK, D, G		Canada
8217	Aluminum mortised meeting stile with silicone lip, bull-nosed doors, both doors active	Meeting stile	BK	USA	

[1] Finish: A = Mill Aluminum, AA = Clear Anodized, D = Dark Bronze Anodized, G = Gold Anodized, , STST = Stainless Steel.

Zero (cont.)

Weatherstripping

Product	Description	Function	Finish	BAA COO	TAA COO
4	Jamb seal for double-hung wood windows, 1 3/4"	Door seals	B, Z	USA	
5	Jamb seal for double-hung wood windows, 2"	Door seals	B, Z	USA	
18	Cushion-spring seals for wood doors and frames, 1/2"	Door seals	B	USA	
19	Cushion-spring seals for wood doors and frames, 3/4"	Door seals	B	USA	
19W	Cushion-spring seals for wood doors and frames, 1 1/8"	Door seals	B	USA	
23	Interlocking hook, 1/4"	Door seals	A, BK, D, G	USA	
34P	Self-adhesive pile brush seal, 2/5" x 1/4"	Door seals	BK, GY	USA	
117S	Self-adhesive silicone with fin, fire seal, 13/32" wide	Door seals	Black	USA	–
118	Self-adhesive cushion spring seal, 9/16" wide	Door seals	Bronze, Stainless steel	USA	–
119	Self-adhesive cushion spring seal, 3/4" wide	Door seals	Bronze	USA	–
119W	Self-adhesive cushion spring seal, 1 1/8" wide	Door seals	Bronze, Stainless steel	USA	–
133	Pile brush astragal, 1/2" wide, for swinging doors	Door seals	CL	USA	
134	Neoprene astragal, 1/2" wide, for swinging doors	Door seals	CL	USA	
135	Self-adhesive PVC seal, 1/2" wide, for glass sliding doors	Door seals	-	USA	
136	Self-adhesive PVC seal, 3/4" wide, for glass sliding doors	Door seals	-	USA	
137P	Self-adhesive pile brush seal, 1/4", for glass sliding doors	Door seals	BK, GY	USA	
138	Self-adhesive pile brush seal, 3/4" wide, for glass sliding doors	Door seals	-	USA	
139N	Self-adhesive neoprene seal, 1 1/4" x 1/4"	Door seals	BK	USA	
188S/188BIO/ 188FS	Self-adhesive silicone bulb fire/smoke seal, 1/2" x 1/4"	Door seals	2	USA	–
400	Jamb seal for double-hung wood windows, 1 3/4"	Door seals	B, Z	USA	
488S/488BIO/ 488FS	Self-adhesive silicone bulb fire/smoke seal, 3/8" x 3/16"	Door seals	2	USA	–
500	Jamb seal for double-hung wood windows, 2"	Door seals	B, Z	USA	
810N	Self-adhesive neoprene seal, 5/8" x 5/8"	Door seals	BK	USA	
811N	Self-adhesive neoprene seal, 3/4" x 5/8"	Door seals	BK	USA	
812N	Self-adhesive neoprene seal, 1" x 5/8"	Door seals	BK	USA	
813N	Self-adhesive neoprene seal, 1 1/4" x 5/8"	Door seals	BK	USA	
824N	Self-adhesive neoprene seal, 2/5" x 1/5"	Door seals	BK	USA	
826N	Self-adhesive neoprene seal, 3/8" x 1/8"	Door seals	BK	USA	
926N	Self-adhesive neoprene seal, 3/8" x 3/16"	Door seals	BK	USA	
2070N	Self-adhesive neoprene seal, 5/8" x 1/4"	Door seals	BK	USA	
3708N	Self-adhesive neoprene seal, 1" x 2/5"	Door seals	BK	USA	
4000	Jamb seal for double-hung wood windows, 1 3/4"	Door seals	B, Z	USA	
5000	Jamb seal for double-hung wood windows, 2"	Door seals	B, Z	USA	
8004N	Kerf pressure neoprene seal, 1/5"	Door seals	BK	USA	
8042S	Self-adhesive silicone seal, 7/16" x 1/5"	Door seals	BK	USA	
8043N	Kerf pressure neoprene seal, 3/8"	Door seals	BK	USA	
8047R	Neoprene intermediate stile, 7/8"	Door seals	-	USA	
8048S	Kerf pressure silicone seal, 1/4"	Door seals	BK	USA	
8052N	Kerf pressure neoprene seal, 3/8"	Door seals	BK	USA	
8053Q	Kerf pressure vinyl-covered foam seal, 3/8"	Door seals	BR, WH	USA	
8054S	Kerf pressure silicone seal, Ø 1/4" bulb	Door seals	Black, White	USA	–
8055S	Kerf pressure silicone seal, 3/8"	Door seals	BK, WH	USA	
8056S	Kerf pressure silicone seal, 7/16"	Door seals	BK, WH	USA	
8137	Self-adhesive pile brush seal, 5/16"	Door seals	CL	USA	
8138	Self-adhesive pile brush seal, 5/16"	Door seals	CL	USA	
8144S/8144FS	Self-adhesive silicone batwing type fire/smoke seal, 7/16" x 7/16"	Door seals	Black, White	USA	–
8145S	Self-adhesive silicone bulb and fin, fire seal, 1/2" x 3/16"	Door seals	Black	USA	–
8150S	Self-adhesive silicone seal, 1/2" x 3/8"	Door seals	BK	USA	

Zero (cont.)

Weatherstripping

Product	Description	Function	Finish	BAA COO	TAA COO
8172N	Self-adhesive neoprene seal, 1/4" x 1/8"	Door seals	BK	USA	
8216S	Self-adhesive silicone seal, 1/2" x 1/4"	Door seals	BK	USA	
8770N	Self-adhesive neoprene seal, 1/2" x 1/8"	Door seals	BK	USA	
8780N	Self-adhesive neoprene seal, 1" x 1/10"	Door seals	BK	USA	
8800S	Kerf pressure silicone seal, 1/4"	Door seals	BK, WH	USA	
8810S	Kerf pressure silicone seal, 1/4"	Door seals	BK, WH	USA	
8812S	Kerf pressure silicone seal, 1/4"	Door seals	BK, WH	USA	
8841R	Kerf pressure silicone seal, 5/16"	Door seals	BK	USA	
9131	Self-adhesive PVC seal, 3/4" x 3/16", for glass sliding doors	Door seals	CL	USA	
9137	Self-adhesive PVC seal, 1" lip, for glass sliding doors	Door seals	CL	USA	

Miscellaneous

Product	Description	Function	Finish	BAA COO	TAA COO
2070	Aluminum panel insert with neoprene rubber	Flood barrier shield	A	USA	
FS3003	Intumescent fire seal, expands 16-18x	Fire seal	Black	USA	
FS4004	Intumescent fire seal, expands 80x	Fire seal	Red	USA	

Advantage

Louvers

Product	Description	Finish	BAA COO
4CY, XX4CY, 40Y, 700AA, XX700AA, AFL100	Door louvers	All	USA

Lites

Product	Description	Finish	BAA COO	TAA COO
88G2, 88G4, 88G8, 784G, 784G-SS, 784G3, 784G5, XX784G, XX784G3, XX784G5, X500, X625, X750, X875, X1000, XX500, XX625, XX750, XX875, XX1000	Vison lites	All	USA	-
SP250, SP350, SP450, SP550	Circular vision lites	All	-	UK

Steelcraft

Metal doors

Product	Description	Gauge	BAA COO
L/LF/LW Series ‡	Laminated core	14, 16, 18 and 20	USA
LS Series	Stainless steel	14, 16 and 18	USA
SL Series	Square edge laminated core	18 and 20	USA
B/BF/BW Series ‡	Steel stiffened core	14, 16 and 18	USA
T/TF/TW Series	Temperature rise	14, 16, 18 and 20	USA
CE/CEF/CEW Series	Embossed panel	16 , 18 and 20	USA
A14 Series	Full glass	14	USA
H/HF/HE Series	Hurricane rated	14 and 16	USA
Paladin™ PW Series	Tornado resistant	14	USA
GRAINTECH™ Series	Wood grain metal panels	16 and 18	USA
INPACT™ Series	Integrated door system	16 and 18	USA

Note: Products in this table meet AIS (defined on page 5).

Metal frames

Product	Description	Gauge	BAA COO
F Series	Flush frame	12, 14 and 16	USA
FS, KS, MS Series	Stainless steel	14 and 16	USA
FN Series	Flush frame, 1" face	14 and 16	USA
MU Series	Multi-use frame	14 and 16	USA
FE and DE Series	Double egress frame	14 and 16	USA
DW Series	Drywall frame	14 and 16	USA
K Series	Drywall frame	14 and 16	USA
Paladin™ FP Series	Tornado resistant	14	USA
FT Series	Thermal break frame	14 and 16	USA
C, CK Series	Casing-ready frame	14 and 16	USA

Note: Products in this table meet AIS (defined on page 5).

Architectural stick

Product	Description	Gauge	BAA COO
F Series	Flush frame	14 and 16	USA
MU Series	Multi-use frame	14 and 16	USA
FN Series	Flush frame, 1" face	14 and 16	USA

Note: Products in this table meet AIS (defined on page 5).

‡ Meets A.T.F.P. Bomb blast criteria when used with Schlage or Falcon Grade 1 cylindrical or mortise locks only. Approved under ASTM F 1642 test method.

Republic

Metal doors

Product	Description	Gauge	BAA COO
DL Series	Laminated core	20, 18, 16	USA
	Steel stiffened core	18, 16	USA
	Steel stiffened core/lead lined	18, 16	USA
	Temperature rise core	20, 18, 16	USA
	Embossed panel	18, 16	USA
	Hurricane rated (impact and non-impact)	18, 16	USA
	Acoustical rated	16	USA

Note: Products in this table meet AIS (defined on page 5).

Metal doors

Product	Description	Gauge	BAA COO
DE Series	Laminated core	18, 16, 14	USA
	Steel stiffened core	18, 16, 14	USA
	Steel stiffened core/lead lined	18, 16, 14	USA
	Temperature rise core	18, 16, 14	USA
	Embossed panel	18, 16	USA
	Hurricane rated (impact and non-impact)	18, 16, 14	USA
	Acoustical rated	16, 14	USA
	Bullet resistant rated	14	USA
DP Series	Laminated core	20, 18	USA
	Embossed panel	18	USA
	Hurricane rated (impact and non-impact)	18	USA
DF Series	Tornado resistant	14	USA

Note: Products in this table meet AIS (defined on page 5).

Metal frames

Product	Description	Gauge	BAA COO
ME Series	Universal profile	16, 14	USA
MH Series	Drywall profile	16, 14	USA
SE Series	Universal profile/stick	16, 14, 12	USA
SH Series	Drywall profile/stick	16, 14	USA
DF Series	Tornado resistant	14	USA

Note: Products in this table meet AIS (defined on page 5).

Falcon

Metal doors

Product	Description	Gauge	BAA COO
SZ Series	Flush door	18	USA

Note: Products in this table meet AIS (defined on page 5).

AD Systems

Sliding doors

Product	Description	BAA COO
ExamSlide™	Sliding door system	USA
OfficeSlide™	Sliding door system	USA
InsetSlide™	Sliding door system	USA
FireSlide™	Fire rated sliding door system	USA

Electronic products

Locks

Schlage

Networked

Product	Description	Function	Finish	BAA COO	TAA COO
AD-300 ▲	Networked hardwired - direct RS-485 connection or Wiegand or clock and data	All	All	USA	Mexico
AD-302 ▲	FIPS 201-2 APL listed, PIV/PIV-I compatible - Networked hardwired - direct RS-485 connection or Wiegand or clock and data	All	All	USA	Mexico
AD-400 ▲	Networked wireless - 900 MHz, secure encrypted data transmission	All	All	USA	Mexico
AD-402 ▲	FIPS 201-2 integration ready, PIV/PIV-I compatible - Networked wireless - 900 MHz, secure encrypted data transmission	All	All	USA	Mexico

▲ Complete locks only for COO orders USA. See page 8 for additional cost and order requirements.

Standalone

Product	Description	Function	Finish	BAA COO	TAA COO
AD-200 ▲	Offline - rights on lock	All	All	USA	Mexico
AD-201 ▲	PIV/PIV-I compatible - Offline - rights on lock	All	All	USA	Mexico
AD-250 ▲	Offline - rights on cards	All	All	USA	Mexico
CO-100	Offline; keypad only, manually programmable only	All	All	-	Mexico
CO-200	Offline; user access rights stored in lock	All	All	-	Mexico
CO-220	Offline; user access rights stored in lock	All	All	-	Mexico
CO-250	Offline; user access rights stored on magnetic stripe card	All	All	-	Mexico

▲ Complete locks only for COO orders USA. See page 8 for additional cost and order requirements.

Wireless

Product	Description	Function	Finish	BAA COO	TAA COO
NDE Series	Wireless mobile enabled cylindrical lock - 2.4GHz, secure encrypted data transmission	All	All	-	Mexico
LE Series	Wireless mobile enabled mortise lock - 2.4 GHz, secure encrypted data transmission	All	All	-	Mexico
Schlage Control	Wireless deadbolt / interconnect lock	All	All	-	Mexico

Note: Items on this page have BAA options in Allegion Electronic Security price book.

Locks

Schlage (cont.)

Accessories

Product	Description	Finish	BAA COO	TAA COO
ANT400	Antenna for PIMs used with wireless AD devices	-	-	Israel
CT5000	Standalone controller	-	-	Mexico
ECK400	Elevator kit includes ANT400-REM-I/O, WRI400, PIM400-TD2, 593-PI	-	-	Mexico
GCK400	Wireless gate kit includes WRI400, PIM400-TD2, ANT-REM-I/O, MGB+MCA5, 593-PI	-	-	Mexico
GWE	ENGAGE™ Gateway with RS-485 and IP (PoE) connectivity	-	USA	-
PIB300-2D ▲	Panel interface board for AD-300/301 hardwired locks - Wiegand integrations only	-	USA	Mexico
PIM400 ▲	Panel interface module for AD-400/401 wireless locks	-	USA	Mexico
REPTR400	Wireless Repeater to extend the distance from WAPM to PIM	-	-	Mexico
RLBD	Dry contact board for either PIM400-TD2 or PIB300-2D	-	USA‡	-
TK400	Wireless test kit for testing AD-400 signal strength at WAPM	-	-	Mexico
TKE	Wireless test kit for testing signal strength of devices which utilize the ENGAGE GWE Gateway	-	USA	-
WPR-400	Wireless portable reader - 900 MHZ, secure encrypted data transmission	-	-	Mexico
WRI400	Wireless reader interface for traditional hardwired openings	-	-	Mexico

▲ See page 8 for additional cost and order requirements
‡ Must be selected as option for PIM400 or PIB300-2D at time of order to qualify under BAA.

Readers, controllers and credentials

Schlage

Reader controllers

Product	Description	Finish	BAA COO
RC11	Mullion mount, multi-technology IP reader controller	All	USA
RC15	Single gang mount, multi-technology IP reader controller	All	USA
RCK15	Single gang mount, multi-technology IP reader controller with keypad	All	USA

Accessories/cables

Product	Description	BAA COO
RC 25'	Cable 25' pigtail	USA

Networked readers

Product	Description	Finish	BAA COO
SM10	Credential reader - mini-mullion	All	USA
MT11	Multi-technology reader - mullion	All	USA
MT11-485**	Multi-technology reader - mullion	All	USA
MTB11	Mobile enabled multi-technology reader - mullion	All	USA
MT15	Multi-technology reader - single gang	All	USA
MT15-485**	Multi-technology reader - single gang	All	USA
MTB15	Mobile enabled multi-technology reader - single gang	All	USA
MTK15	Multi-technology reader with keypad - single gang	All	USA
MTK15-485**	Multi-technology reader with keypad - single gang	All	USA
MTKB15	Mobile enabled multi-technology reader with keypad - single gang	All	USA
MTMS15	Multi-technology with magnetic stripe reader - single gang	All	USA
MTMS15-485**	Multi-technology with magnetic stripe reader - single gang	All	USA
MTMSK15	Multi-technology with magnetic stripe reader and keypad - single gang	All	USA
MTMSK15-485**	Multi-technology with magnetic stripe reader and keypad - single gang	All	USA

** FIPS 201-2 Compliant. By default, readers are configured with 75 bit format. Configuration to other approved output formats is available. FIPS 201-2 certified with approved access control systems and with RS-485 system interface only. When ordering FIPS compliant readers for RS-485 system interface you MUST add "-485" to the model number when placing the order.

Schlage (cont.)

Credentials

13.56 MHz MIFARE Classic® Smart Technology

Product number	Description	BAA COO
9420	Clamshell; 2.5k bit memory/ISO 14443	USA
9451	Clamshell; 1K byte/8k bit memory/ISO 14443	USA
9520	ISO glossy white; 2.5k bit memory/ISO 14443; composite	USA
9520M1	ISO glossy white with mag stripe; 2.5k bit memory/ISO 14443; composite	USA
9551	ISO glossy white; 1K byte/8k bit memory/ISO 14443; composite	USA
9551M1	ISO glossy white with mag stripe; 1K byte/8k bit memory/ISO 14443; composite	USA
9558	ISO glossy white; 4K byte/32k bit memory/ISO 14443; composite	USA
9558M1	ISO glossy white with mag stripe; 4K byte/32k bit memory/ISO 14443; composite	USA
9651	Keyfob; 1K byte/8k bit memory/ISO 14443	USA
9651T	Thin keyfob; 1K byte/8k bit memory/ISO 14443	USA
9751	PVC adhesive patch; 1K byte/8k bit memory/ISO 14443	USA
9758	PVC adhesive patch; 4K byte/32k bit memory/ISO 14443	USA

Multi-Technology: 125 kHz Proximity and 13.56 MHz Contactless MIFARE Classic Smart Card Technology

Product number	Description	BAA COO
9691T	Thin keyfob, combo 125 kHz/13.56 MHz MIFARE 1k byte/8k bit memory	USA
9951	ISO glossy white; combo 125 kHz/13.56 MHz MIFARE 1K byte/8k bit memory	USA
9951M1	ISO glossy white with mag stripe; Combo 12 kHz/13.56 MHz MIFARE 1K byte/8k bit memory	USA
9958	ISO glossy white; combo 125 kHz/13.56 MHz MIFARE 4K byte/32k bit memory	USA
9958M1	ISO glossy white with mag stripe; Combo 125 kHz/13.56 MHz MIFARE 4K byte/32k bit memory	USA

13.56 MHz MIFARE® DESFire® EV1 Smart Technology

Product number	Description	BAA COO
8420	Clamshell; 2K byte/16K bit memory/ISO 14443	USA
8520	ISO glossy white; 2K byte/16K bit memory/ISO 14443	USA
8520M1	ISO glossy white with mag stripe; 2K byte/16K bit memory/ISO 14443	USA
8440	Clamshell; 4K byte/32K bit memory/ISO 14443	USA
8540	ISO glossy white; 4K byte/32K bit memory/ISO 14443	USA
8540M1	ISO glossy white with mag stripe; 4K byte/32K bit memory/ISO 14443	USA
8480	Clamshell; 8K byte/64K bit memory/ISO 14443	USA
8580	ISO glossy white; 8K byte/64K bit memory/ISO 14443	USA
8580M1	ISO glossy white with mag stripe; 8K byte/64K bit memory/ISO 14443	USA
8720	PVC adhesive patch; 2K byte/16K bit memory/ISO 14443	USA
8740	PVC adhesive patch; 4K byte/32K bit memory/ISO 14443	USA
8780	PVC adhesive patch; 8K byte/64K bit memory/ISO 14443	USA

Multi-Technology: 125 kHz Proximity and 13.56 MHz MIFARE DESFire EV1 Contactless Smart Card Technology

Product number	Description	BAA COO
8920	ISO glossy white; Combo 125 kHz/13.56 MHz 2K byte/16K bit memory	USA
8920M1	ISO glossy white with mag stripe; Combo 125 kHz/13.56 MHz 2K byte/16K bit memory	USA
8940	ISO glossy white; Combo 125 kHz/13.56 MHz 4K byte/32K bit memory	USA
8940M1	ISO glossy white with mag stripe; Combo 125 kHz/13.56 MHz 4K byte/32K bit memory	USA
8980	ISO glossy white; Combo 125 kHz/13.56 MHz 8K byte/64K bit memory	USA
8980 M1	ISO glossy white with mag stripe; Combo 125 kHz/13.56 MHz 8K byte/64K bit memory	USA

Readers, controllers and credentials

Schlage (cont.)

Credentials (cont.)

125 kHz Proximity Technology

Product number	Description	BAA COO
7410	Clamshell; HID Prox compatible	USA
7510	ISO glossy white card; HID Prox compatible; composite	USA
7510M1	ISO glossy white card with mag stripe; HID Prox compatible; composite	USA
7610	Keyfob; HID Prox compatible	USA
7610T	Thin keyfob; HID Prox compatible	USA
7010	PVC adhesive disk – 35mm; HID Prox compatible	USA

ISONAS

Reader controllers

Product	Description	BAA COO	TAA COO
RC-04-PRX-M	04 Series proximity reader controller - Mullion	USA	-
RC-04-PRX-W	04 Series proximity reader controller - Single gang	USA	-
RC-04-PRX-WK	04 Series proximity reader controller with keypad - Single gang	USA	-
RC-04-MCT-M	04 Series multi-technology reader controller - Mullion	USA	-
RC-04-MCT-W	04 Series multi-technology reader controller - Single gang	USA	-
RC-04-MCT-WK	04 Series multi-technology reader controller with keypad - Single gang	USA	-

Readers

Product	Description	BAA COO	TAA COO
R-1-MCT-M	R1 Series multi-technology reader - Mullion	USA	-
R-1-MCT-W	R1 Series multi-technology reader - Single gang	USA	-
R-1-MCT-WK	R1 Series multi-technology reader with keypad - Single gang	USA	-

IP Bridge

Product	Description	BAA COO	TAA COO
IPB2.0-2Door	Pure IP IP-Bridge 2.0 2 door	USA	-
IPB2.0-3Door	Pure IP IP-Bridge 2.0 3 door	USA	-

Accessories/cables

Product	Description	BAA COO	TAA COO
ACC-IRS-4700	Magnetic lock kit	USA	-
Cable-RC04-25-BAA*	RC-04 Cable 25' Pigtail	USA	-

* See page 8 for additional cost and ordering requirements.

System components and accessories

Schlage

Pushbuttons/keyswitches

Product	Description	BAA COO
621 Series	1¼" Heavy duty pushbuttons	USA
623 Series	1 ⅝" Heavy duty pushbuttons	USA
625 Series	2 ¾" Heavy duty pushbuttons	USA
630 Series	1 ¼" Extreme duty pushbottons	USA
650 Series	Heavy duty keyswitches	USA
660 Series	Surface mini box distribution	USA
701 Series	Entry level pushbutton (round bottom)	USA
709 Series	Entry level pushbutton (square illuminated)	USA

Door position switches

Product	Description	BAA COO	TAA COO
674-OH	Overhead door floor mount	USA	-
679-05	Wood door and frame	USA	-
679-05HM	Hollow metal door and frame	USA	-
679-05WD	Wood door and metal frame	USA	-
7764	Concealed/flush mount	-	Mexico
7766	Surface mount	-	Mexico
FSS1	Door position high security switch	-	Australia

Electronic horns

Product	Description	TAA COO
1910-1	Selica horn, 12/24 VDC	Mexico

Power supplies

Product	Description	BAA COO
PS902BAA ▲	Power supply, 2 Amp	USA
PS904BAA ▲	Power supply, 4 Amp	USA
PS906BAA ▲	Power supply, 6 Amp	USA

▲ See page 8 for additional cost and order requirements. Option board selections must be made for power supply at time of order. See page 39.

Door cords

Product	Description	BAA COO
788 Series	⅜" Armored door cords	USA
798 Series	½" Armored door cords	USA

System components and accessories

PS900 Option boards listed below MUST be ordered with a BAA compliant power supply in order to meet BAA compliance.

Schlage and Von Duprin

Power supply option boards - PS900

Product	Description
900-4R	4 Independently controlled relays
900-4R FA	4 Independently controlled relays with FA
900-2RS	2 Relay board specifically for controlling Von Duprin exit devices
900-2RS FA	2 Relay board specifically for controlling Von Duprin exit devices
900-4RL	4 Relay board with integrated logic for controlling security interlocks, auto operators, and time delays
900-4RL FA	4 Relay board with integrated logic for controlling security interlocks, auto operators, and time delays with FA
900-8F	8 Fuse protected outputs
900-8F FA	8 Fuse protected outputs with FA
900-8P	8 PTC protected outputs
900-8P FA	8 PTC protected outputs with FA
900-BBK	Battery backup kit (includes two 7A/hr batteries)
900-BB	Battery backup board only
900-FA	Fire alarm relay (EIR) module

Power supply accessories - PS900

Product	Description
900-BAT	Backup battery pack (includes two 7A/hr batteries)
900-KL	Key lock

Von Duprin

Electric strikes

Product	Description	Finish	BAA COO
6111	Rim exit device strike 6"	All	USA
6112	Rim exit device strike 9"	All	USA
6113	Rim exit device strike 6"	All	USA
6114	Rim night latch strike 7 1/2"	All	USA
6121	Rim exit device strike 9 1/8"	All	USA
6210	Mortise lock strike 4 7/8"	All	USA
6211	Mortise/cylindrical lock strike 4 7/8"	All	USA
6211AL	Mortise/cylindrical lock strike 4 7/8"	All	USA
6211WF	Mortise/cylindrical lock strike 4 7/8"	All	USA
6212	Mortise/cylindrical lock strike 6 3/8"	All	USA
6212WF	Mortise/cylindrical lock strike 6 3/8"	All	USA
6213	Mortise/cylindrical lock strike 6"	All	USA
6214	Mortise/cylindrical lock strike 9"	All	USA
6215	Mortise/cylindrical lock strike 9"	All	USA
6216	Mortise with deadbolt strike 9"	All	USA
6221	Mortise/cylindrical lock strike 6"	All	USA
6222	Mortise/cylindrical lock strike 9"	All	USA
6223	Mortise/cylindrical lock strike 6"	All	USA
6224	Mortise/cylindrical lock strike 9"	All	USA
6224AL	Mortise/cylindrical lock strike 9"	All	USA
6225	Mortise/cylindrical lock strike 9"	All	USA
6226	Mortise/cylindrical lock strike 9"	All	USA

Electric power transfers (EPTs)

Product	Description	Finish	BAA COO
EPT-2BAA ▲	EPT - Two 18 gauge wires	SP28, SP313	USA
EPT-10BAA ▲	EPT - Ten 24 gauge wires	SP28, SP313	USA

▲ See Von Duprin price book for BAA pricing.

Power supplies

Product	Description	Finish	BAA COO
PS914BAA ▲	High in rush power supply, 4 Amp	–	USA

▲ See Von Duprin price book for BAA pricing and order requirement. Option board selection must be made for power supply at time of order.

Allegion Connect wiring

Product	Description	Finish	BAA COO
CON-6	6" wire with connectors on both ends	–	Mexico
CON-12	12" wire with connectors on both ends	–	Mexico
CON-26	26" wire with connectors on both ends	–	Mexico
CON-32	32" wire with connectors on both ends	–	Mexico
CON-38	38" wire with connectors on both ends	–	Mexico
CON-44	44" wire with connectors on both ends	–	Mexico
CON-50	50" wire with connectors on both ends	–	Mexico
CON-192	192" wire with connectors on both ends	–	Mexico
CON-6P	6" wire with connectors on one end and crimped pins on the other	–	Mexico
CON-12P	12" wire with connectors on one end and crimped pins on the other	–	Mexico
CON-26P	26" wire with connectors on one end and crimped pins on the other	–	Mexico
CON-32P	32" wire with connectors on one end and crimped pins on the other	–	Mexico
CON-38P	38" wire with connectors on one end and crimped pins on the other	–	Mexico
CON-44P	44" wire with connectors on one end and crimped pins on the other	–	Mexico
CON-50P	50" wire with connectors on one end and crimped pins on the other	–	Mexico
CON-192P	192" wire with connectors on one end and crimped pins on the other	–	Mexico

▲ See Von Duprin price book for BAA pricing.

Locknetics

Electromagnetic locks

Product	Description	Finish	TAA COO
MG600	600lb electromagnetic lock	630	Taiwan
MG600-2	600lb electromagnetic lock - double	630	Taiwan
MG600DT	600lb electromagnetic lock - monitored	630	Taiwan
MG600DT-2	600lb electromagnetic lock - monitored/double	630	Taiwan
MG1200	1200lb electromagnetic lock	630	Taiwan
MG1200-2	1200lb electromagnetic lock - double	630	Taiwan
MG1200DT	1200lb electromagnetic lock - monitored	630	Taiwan
MG1200DT-2	1200lb electromagnetic lock - monitored/double	630	Taiwan
WMG600	600lb weatherproof electromagnetic lock	630	Taiwan
WMG1200	1200lb weatherproof electromagnetic lock	630	Taiwan

Electromagnetic lock accessories

Product	Description	Finish	TAA COO
MFP63	5/8" filler plate	628	Taiwan
MFP50	1/2" filler plate	628	Taiwan
MLBK600	600lb L-bracket	628	Taiwan
MLBK1200	1200lb L-bracket	628	Taiwan
MUBK	U-bracket - 600/1200lb adjustable	628	Taiwan
MZBK600	600lb Z-bracket	628	Taiwan
MZBK1200	1200lb Z-bracket	628	Taiwan
WFP50	1/2" filler plate	628	Taiwan
WFP63	5/8" filler plate	628	Taiwan
WLBK1200	1200lb L-bracket	628	Taiwan
WLBK600	600lb L-bracket	628	Taiwan
WZBK600	600lb Z-bracket	628	Taiwan
WZBK1200	1200lb Z-bracket	628	Taiwan

Electric strikes

Product	Description	Finish	TAA COO
CS450-32D	Cylindrical lock strike 9/16"	630	Taiwan
CS450-LBM-32D	Cylindrical lock strike 9/16" with latch bolt monitoring	630	Taiwan
CS750-32D	Cylindrical lock strike 3/4"	630	Taiwan
CS750-LBM-32D	Cylindrical lock strike 3/4" with latch bolt monitoring	630	Taiwan
MDS100-32D	Mortise lock strike 1"	630	Taiwan
MDS100-F	Mortise lock strike 1" - fire rated	630	Taiwan
MDS100-F-LBM-32D	Mortise lock strike 1" - fire rated with latch bolt monitoring	630	Taiwan
MDS100-LBM-32D	Mortise lock strike 1" with latch bolt monitoring	630	Taiwan
NC450	E-strike - no cut - 9/16" deep	630	Taiwan
NC450-LBM	E-strike - no cut - 9/16" deep with latch bolt monitoring	630	Taiwan
RS200	Rim lock strike 1/2"	613, 630	Taiwan
RS200-LBM	Rim lock strike 1/2" with latch bolt monitoring	613, 630	Taiwan
RS300	Rim lock strike 3/4"	613, 630	Taiwan
RS300-F	Rim lock strike 3/4" - fire rated	613, 630	Taiwan
RS300-LBM	Rim lock strike 3/4" with latch bolt monitoring	613, 630	Taiwan
RS300-F-LBM	Rim lock strike 3/4" - fire rated with latch bolt monitoring	613, 630	Taiwan

Locknetics (cont.)

Electric strike accessories

Product	Description	Finish	TAA COO
CCFP-KIT	Cylindrical lock strike radius corner faceplate kit	613, 630	Taiwan
CSFP-KIT-10B	Cylindrical lock strike faceplate kit	613	Taiwan
CSLE-.5	Clyindrical lock strike lip extention ½" (12.5mm)	–	Taiwan
CSLE-1	Clyindrical lock strike lip extention 1" (25mm)	–	Taiwan
CSLE-2	Clyindrical lock strike lip extention 2" (50mm)	–	Taiwan
CWFP-KIT	Cylindrical lock strike wood faceplate kit	613, 630	Taiwan
ESTK-100	E-strike - metal template kit (CS, MDS, RS)	–	Taiwan
MDSFP-KIT-10B	Mortise strike faceplate kit	613	Taiwan
NCFP-KIT-10B	No cut faceplate kit	613	Taiwan
NCCFP-KIT	No cut radius corner faceplate kit	613, 630	Taiwan
NCWFP-KIT	No cut wood applications faceplate kit	613, 630	Taiwan
NC-RAMPS	Ramps replacement	630	Taiwan
RS SPACER	Rim strike spacer	613, 630	Taiwan

Push buttons

Product	Description	Finish	TAA COO
IPB-100	Entry level pushbutton (square illuminated)	-	Taiwan
IPB-100-N	Entry level pushbutton (square illuminated) narrow Stile	-	Taiwan
IPB-300	Entry level pushbutton (circle illuminated)	-	Taiwan
IPB-300-N	Entry level pushbutton (circle illuminated) - narrow stile	-	Taiwan
MPB-100	Entry level pushbutton (circle metal)	-	Taiwan
MPB-100-N	Entry level pushbutton (circle metal) - narrow stile	-	Taiwan

Specialty switches

Product	Description	Finish	TAA COO
TS-100	Dual LED touch switch	-	Taiwan
TS-100-N	Dual LED touch switch - narrow stile	-	Taiwan
WS-200	Wave exit motion sensor	-	Taiwan
WS-200-MB	Wave exit motion sensor with mounting box	-	Taiwan

Digital keypads

Product	Description	Finish	TAA COO
DKP-165	Indoor digital keypad	-	Taiwan
DKP-165-S	Indoor digital keypad - surface mount	-	Taiwan
DKP-165-FM	Indoor digital keypad - flush mount	-	Taiwan

Touch bars

Product	Description	Finish	TAA COO
TB-36	Touchbar - 36" door	628	Taiwan
TB-42	Touchbar - 42" door	628	Taiwan
TB-48	Touchbar - 48" door	628	Taiwan

System components and accessories

Locknetics (cont.)

Push plates

Product	Description	Finish	TAA COO
PPH-50	Narrow stile rectangular handicap push plate with plastic box	-	Taiwan
PPH-100-AL	Large round handicap push plate with aluminum box	630	Taiwan
PPH-100-PL	Large round handicap push plate with plastic box	630	Taiwan
PPH-200-LED	Large illuminated round handicap push plate with plastic box	630	Taiwan

Emergency breaks

Product	Description	Finish	TAA COO
EGB-100-G	Resettable emergency call point station - green case	-	Taiwan
EGB-100-R	Resettable emergency call point station - red case	-	Taiwan

Emergency break accessories

Product	Description	Finish	TAA COO
EGB-COV	Replacement and resettable key	-	Taiwan
EGB-KEY	Replacement clear plastic cover	-	Taiwan

Door cords

Product	Description	Finish	TAA COO
DC-AL-20	Medium duty door cord with aluminum end caps; stainless steel cable; 20" length	628	Taiwan
DC-BR-20	Medium duty door cord with aluminum end caps; stainless steel cable; 20" length	613	Taiwan
DC-HD-16	Heavy duty door cord with aluminum boxes; stainless steel cable; 16" length	613, 628	Taiwan
DC-PL-12	Light duty door cord with silver plastic end caps; stainless steel cable 12" length	628	Taiwan
DC-PL-20	Light duty door cord with silver plastic end caps; stainless steel cable 20" length	628	Taiwan

Specialty sensor and buzzer switches

Product	Description	Finish	TAA COO
TBR-100	Timer-buzzer rectifier with surge protection	-	Taiwan

Power supplies

Product	Description	TAA COO
LP150	1.5 amp power supply	Taiwan
LP250	2.5 amp power supply	Taiwan
LP250RDB4	2.5 amp power supply with 4 output relay distribution option board	Taiwan

Power supply accessories

Product	Description	Finish	TAA COO
LP150B	1.5 amp power supply board		Taiwan
LP250B	2.5 amp power supply board		Taiwan

Allegion production sites

AD Systems

Sliding doors

2201 100th St. SW
Everett, WA 98204

Advantage

Vision lites and door louvres

4985 Raines Road
Memphis, TN 38118

United Kingdom

Allegion Connect

Allegion Connect wiring

Australia

Falcon

Door controls

121 W. Railroad Ave.
Princeton, IL 61356

Taiwan

Exits and mullions

2720 Tobey Drive
Indianapolis, IN 46219

Lock components

Calle Los Olivos #698
Col. Chavez
Tecate, Baja California, Mexico 21440

Mechanical locks[1]

Carretera Transpeninsular 4580-4,
Col. Carlos Pacheco,
Ensenada, Baja California, Mexico 22890

3899 Hancock Expressway
Colorado Springs, CO 80911

Taiwan

Metal doors

9017 Blue Ash Road
Cincinnati, OH 45242

155 Republic Drive
McKenzie, TN 38201

Glynn Johnson

Overhead holders and stops

8506-A E. 30th St.
Indianapolis, IN 46219

ISONAS

Readers, controllers and accessories

3899 Hancock Expressway
Colorado Springs, CO 80911

Ives

Mechanical accessories

8506-A E. 30th St.
Indianapolis, IN 46219

Canada

Taiwan

LCN

Door controls

121 W. Railroad Ave.
Princeton, IL 61356

Locknetics

System components and accessories

Taiwan

Republic

Metal doors and frames

155 Republic Drive
McKenzie, TN 38201

5430 FAA Blvd. Suite 100
Irving, TX 76031

Schlage

Accessories, credentials, cylinders, keys and readers

3899 Hancock Expressway
Colorado Springs, CO 80911

Electronic and mechanical locks

Carretera Transpeninsular 4580-4,
Col. Carlos Pacheco,
Ensenada, Baja California, Mexico 22890

3899 Hancock Expressway
Colorado Springs, CO 80911

Schlage (cont.)

Finishing / zinc plated parts

El Florido Industrial Park
Tijuana, Baja California, Mexico 22680

Lock components

Calle Los Olivos #698
Col Chavez
Tecate, Baja California, Mexico 21440

Power supplies*

3899 Hancock Expressway
Colorado Springs, CO 80911

2720 Tobey Drive
Indianapolis, IN 46219

Residential/mechanical

2119 E. Kansas City Road
Olathe, KS 66061

Steelcraft

Metal doors and frames

9017 Blue Ash Road
Cincinnati, OH 45242

13770 Ramona Ave.
Chino, CA 91710

Von Duprin

Exits, mullions, electric strikes and power transfers

2720 Tobey Drive
Indianapolis, IN 46219

Power supplies[2]

3899 Hancock Expressway
Colorado Springs, CO 80911

2720 Tobey Drive
Indianapolis, IN 46219

Zero international

System components and accessories

8506-A E. 30th St.
Indianapolis, IN 46219

Canada

1. Some products shipped out of the Colorado Springs location as part of Fast Track/Pro Express/Quick Ship programs.
2. Minor, secondary operations and shipping of both Schlage and Von Duprin power supplies occur from both locations, therefore we list both addresses.

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About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

For more, visit **www.allegion.com**

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ALLEGION™

ALLEGION

Multifamily suiting solutions

Featured products: Schlage Control® Mobile Enabled Smart Lock (Greenwich trim, matte black finish and accent lever (L); satin nickel finish and broadway lever (R))

ALLEGION™

Choosing Allegion for your multifamily projects means partnering with a leader in security and access control solutions. With over 100 years of experience in both commercial and residential sectors, Allegion brings a wealth of knowledge and expertise to every multifamily project. Our dedicated multifamily consultants are committed to understanding your unique needs and providing tailored solutions that enhance security, convenience, and resident satisfaction.

You can feel confident that you have access to the latest innovations and technologies, as we offer a comprehensive portfolio of access control and door hardware products that have strong emphasis on style and are designed to seamlessly integrate with your property's architecture.

From the perimeter to the interior and everything in between, you can trust us at Allegion to deliver the perfect blend of security, style, and convenience for your multifamily properties.

Featured products: LCN 4040XP RWPA Aluminum, Schlage MTB11 Mobile Enabled Multi-Technology Mullion Reader, Von Duprin 98/99 Aluminum - with QEL

More than hardware

When you choose Allegion, you can expect us to provide you with tools and services that go beyond the product or solution to ensure your job is executed accurately and efficiently.

Tools and services

- Specification consultation
- Code consultation
- Access control coordination
- Product standardization
- Submittal reviews and RFAs
- Pre and post installation trainings
- Cloud collaboration platform for the design and specification of your door hardware (OVERTUR™)
- Budgetary planning

The best of residential and commercial

From the perimeter to resident units and everything in between, our portfolio of brands helps ensure your property carries a seamless design throughout.

Common suited levers

Residential area locks					
Schlage Control Smart Interconnected Lock - Grade 2	Latitude	Broadway	Jupiter, Jazz	Neptune	Elan
Schlage F Series cylindrical lock - Grade 2	Latitude	Broadway	Jazz	Jazz	Elan
Schlage J Series lock - Grade 3	Solstice	Broadway	Dover	Dover	Marin
Common area locks					
Schlage LE mortise wireless lock - Grade 1	Latitude	M52	07	17	06
Schlage L Series mortise lock - Grade 1	Latitude	M52	07	17	06
Schlage NDE cylindrical wireless lock - Grade 1	Latitude	Broadway	Athens	Sparta	Rhodes
Schlage ND Series cylindrical lock - Grade 1	Latitude	Broadway	Athens	Sparta	Rhodes
Schlage CS210 interconnected lock - Grade 2	Latitude	Broadway	Jupiter	Neptune	Saturn
Falcon MA Series mortise lock - Grade 1	Latitude	Broadway	Avalon	Quantum	Dane
Falcon T Series cylindrical lock - Grade 1	Latitude	Broadway	Avalon	Quantum	Dane
Falcon W Series cylindrical lock - Grade 2	Latitude	Broadway	Avalon	Quantum	Dane
Falcon H2 Series interconnected lock - Grade 2	Latitude	Broadway	Avalon	Quantum	Dane
Commercial exit devices and trim					
Von Duprin 98/99 Series wide stile pushpad - Grade 1	Latitude	M52	07	17	06
Falcon 25 Series wide stile pushpad - Grade 1	Latitude	Broadway	Avalon	Quantum	Dane
Falcon 24 Series narrow stile pushpad - Grade 1	Latitude	Broadway	Avalon	Quantum	Dane

Note: Not all levers and trim are listed for the products mentioned in this brochure.
For the complete offering, contact your sales consultant.

Featured products: LCN 4050A surface closer (aluminum), Von Duprin 75 Series (aluminum–with QEL), Glynn Johnson GJ90 Surface Stop (dark bronze or matte black)

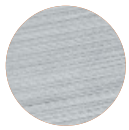
Finishes that suite throughout the building

Our multifamily portfolio offers products in five popular finishes to give you a broad selection that meets your style needs.

Satin nickel
619/US15

Matte black
622/US19

Bright chrome
625/US26



Satin chrome
626/US26D

Aged bronze
643e /716

Finishes that coordinate

Some closers and accessories are offered in finishes that coordinate with the five finishes above, but may differ slightly. The following finishes are recommended to pair with the lock and exit finishes throughout the building. For specific finishes offered for each product, contact your sales consultant.

Coordinating finishes

Lock, accessory and exit finishes	Closer finishes
Satin nickel 619/US15	• 628/US28 Clear aluminum anodized • 689 Aluminum painted
Satin chrome 626/US26D	• 689 Aluminum painted
Bright chrome 625/US26	• 689 Aluminum painted
Matte black 622/US19	• 710/313AN Dark bronze anodized
Aged bronze 643e/716	• 695 Dark bronze painted • 710/313AN Dark bronze anodized

Main entrance and perimeter

Electronic access control

- **Schlage XE360™ Series wireless exit trim***
- Schlage CTE-MTB door controller
- Schlage RC reader controller
- Von Duprin 6300 Series electric strike
- Locknetics strike

Mechanical exits and pulls

- Von Duprin 33/35 Series exit device
- Von Duprin 98/99 Series exit device
- Von Duprin 70 Series exit device
- Falcon 24/25 Series exit device
- Falcon 1790 Series exit device
- Ives 8190 door pull

Door control

- LCN 1450 and 4050 Series closer
- Falcon SC70A Series closer
- Glynn-Johnson 90 or 100 Series overhead stops

Accessories

- **Ives 5BB1 architectural hinge***
- Zero threshold
- Zero door sweep

*bolded items featured in photo

*Shown in satin chrome with latitude lever

Resident entrance

*Shown in matte black with latitude lever

Electronic locks

- Schlage Control® mobile enabled smart lock
- **Schlage XE360™ wireless mortise lock***
- Schlage NDE mobile enabled wireless lock
- Schlage LE mobile enabled wireless lock

Mechanical locks

- Schlage L Series mortise lock
- Falcon MA Series
- Schlage B60 and B80 Series deadbolt
- Falcon H2 Series lock
- Schlage CS210 Series lock
- Falcon D200 Series deadbolt

Door control

- LCN 1460 Series closer
- Falcon SC60A series closer

Accessories

- Ives 5BB1 architectural hinges
- Ives floor and wall stops
- Ives door knocker and viewer
- Ives privacy door guard
- Zero perimeter door seal, sweep, and threshold

*bolded items featured in photo

Resident interior

Mechanical locks, levers, and knobs

- Schlage B Series
- **Schlage F Series***
- Schlage J Series

Door control

- LCN 1460
- Falcon SC60A Series closer

Accessories

- Ives 5BB1 architectural hinges
- Ives floor and wall stops

*bolded items featured in photo

Featured products: Top photo: Bedroom
F Series (F40 Privacy Lock) (matte black, broadway lever and Greenwich rose)

Bottom photo: Kitchen
Control in Addison trim (aged bronze finish)

Offices

*Shown in satin chrome with latitude lever

Electronic locks

- Schlage XE360™ Series mortise and tubular locks
- Schlage LE Series mortise wireless lock
- Schlage NDE cylindrical wireless lock

Mechanical locks

- Schlage L Series mortise lock
- **Schlage ND Series cylindrical lock***
- Falcon MA Series mortise lock
- Falcon T Series cylindrical lock
- Falcon W Series cylindrical lock

Door control

- LCN 1460 Series closer
- Falcon SC70A Series closer

Accessories

- Ives 5BB1 architectural hinges
- Ives floor and wall stops
- Zero automatic door bottom

*bolded items featured in photo

Common area and amenities

Electronic access control

- Schlage XE360™ Series mortise and tubular locks
- Schlage XE360™ Series exit trim
- Schlage LE Series mortise wireless lock
- **Schlage NDE cylindrical wireless lock**
- Schlage CTE-MTB door controller
- Schlage RC Reader Controller
- Von Duprin 6300 Series electric strike
- Locknetics strike

Mechanical locks

- Schlage L Series mortise lock
- Schlage ND Series cylindrical lock
- Schlage ALX Series cylindrical lock
- Falcon MA Series mortise lock
- Falcon T Series cylindrical lock
- Falcon W Series cylindrical lock

Door control

- LCN 1450 Series closer
- Falcon SC80A Series closer
- Glynn-Johnson 90 or 100 Series overhead stops

Accessories

- Ives 5BB1 architectural hinges
- Ives continuous hinges
- Ives architectural pulls
- Ives 8400 protection plates
- Ives floor and wall stops
- Zero door sweep

*bolded items featured in photo

*Shown in satin chrome with broadway lever

Stairwell and garage

Electronic access control

- Schlage XE360™ Series exit trim
- Schlage CTE-MTB door controller
- Von Duprin 6300 Series electric strike
- Schlage RC reader controller
- Locknetics RS strike

Mechanical exits

- Von Duprin 98/99 Series exit device
- Von Duprin 70 Series exit device
- Falcon 24/25 Series exit device
- **Von Duprin 22 aluminum***
- Falcon 19 Series exit device

Door control

- LCN 1450 Series closer
- Falcon SC80A Series closer
- Falcon SC70A Series closer
- Glynn-Johnson 90 or 100 Series overhead stops

Accessories

- Ives XY Series continuous hinges
- Ives 5BB1 architectural hinges
- **Ives 8400 protection plates**
- Zero perimeter door seal, meeting stile, sweep, and threshold

*bolded items featured in photo

Electrical room

Electronic access control

- **Schlage XE360™ Series exit trim**
- Schlage CTE-MTB door controller
- Von Duprin 6300 Series electric strike
- Schlage RC reader controller
- Locknetics RS strike

Mechanical exits

- Von Duprin 98/99 Series exit device
- Von Duprin 70 Series exit device
- Falcon 24/25 Series exit device

Door control

- LCN 1450 Series closer
- Falcon SC80A Series closer
- Falcon SC70A Series closer
- Glynn-Johnson 90 or 100 Series overhead stops

Accessories

- Ives XY Series continuous hinges
- Ives 5BB1 architectural hinges

*bolded items featured in photo

*Shown in satin chrome with latitude lever

Featured product: LE mobile enabled wireless lock (satin chrome finish, latitude lever)

Contact us at 888-868-8709 to get connected with an Allegion sales consultant in your area. Additional multifamily resources and tools are available at **us.allegion.com/multifamily**.

About Allegion

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions.

For more, visit **www.allegion.com**

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