



Norton®

ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions

**DOOR
CLOSERS**

BROCHURE

NORTON CLOSERS COMPARISON



CERTIFICATION & WARRANTY	CAST IRON		
	9500	9540	410
ANSI/BHMA A156.4	Grade 1	Grade 1	Grade 1
UL & ULC Listed	Yes	Yes	Yes
Warranty	25 Year	25 Year	10 Year
Extended Cycle Testing	25 Million	Per Standard	Per Standard
End of Life Recycling Program Available	Yes	Yes	Yes
SIZE & CONSTRUCTION			
Construction (Body)	Cast Iron	Cast Iron	Cast Iron
Mounting Hole Pattern	1" x 10"	2-1/4" x 5"*	2-1/4" x 5"*
Spring Size	Adjustable 1-6	Adjustable 1-6	Adjustable 1-6
Closer Body (Handing)	Non-Handed	Non-Handed	Non-Handed
Standard Backcheck	Yes	Yes	Yes
OPTIONS			
Plastic Cover	Standard	Standard	Standard
Metal Cover Option	Optional	Optional	No
Slim Line Cover Option	No	No	No
Delayed Action Option	Yes	Yes	Yes
Sex Nuts & Bolts (Tri-Style® pack)	Optional	Optional	Standard
Finishes	Multiple	Multiple	689, 690 only
APPLICATION / ARM TYPE AVAILABILITY			
Regular	•	•	•
Top Jamb	•	•	•
Parallel	•	•	•
Regular Rigid	•		
Parallel Rigid	•		
CloserPlus	•		
CloserPlus Spring			
CloserPlus Ramp			
Cushion Stop			
Unitrol	•		
Low Profile			
Slide Track	•		

NORTON CLOSERS COMPARISON

ALUMINUM							
2800ST	7500	8000	1600	1700BC	78B/F	210	160
N/A	Grade 1	Grade 1	Grade 1	Grade 3	Grade 3	Grade 1	Grade 1
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10 Year	25 Year	25 Year	25 Year	5 Year	10 Year	10 Year	5 Year
N/A	25 Million	25 Million	25 Million	Per Standard	Per Standard	Per Standard	Per Standard
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
1"x 11-1/8"	2-3/8" x 6-3/4"	3/4" x 12"	3/4" x 9-1/16"	3/4" x 8"	4-1/8" x 1-3/8"	3/4" x 12"	3/4" x 9-1/16"
Adjustable 1-6	Adjustable 1-6	Adjustable 1-6	Adjustable 1-6 Size 3, 4	Size 2, 3, 4	Size 2-4; Size 5-6	Adjustable 1-6	Adjustable 1-4 Size 4
Non-Handed	Non-Handed	Non-Handed	Non-Handed	Non-Handed	Handed	Non-Handed	Non-Handed
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Standard	Standard	Standard	Optional	Optional	No	Standard	Optional
No	Optional	Optional	No	No	No	No	No
No	No	Optional	No	No	No	No	No
No	Yes	Yes	No	No	Yes	No	No
Optional	Optional	Optional	Optional	Optional	Optional	Standard	Standard
Multiple	Multiple	Multiple	Multiple	689, 690 only	Multiple	689, 690 only	689, 690 only

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*Retrofit LCN4040XP

DOOR CLOSER SELECTION GUIDE

HIGH USE

MODERATE USE

LOW USE

2800ST*
Cam Action
Heavy-Duty

7500
Aluminum
Heavy-Duty

9500*
Cast Iron
Heavy-Duty

8000
Aluminum
Medium-Duty

1600
Aluminum
Medium-Duty

410
Cast Iron
Medium-Duty

78-B/F
Aluminum
Light-Duty

1700
Aluminum
Light-Duty

160
Aluminum
Light-Duty

210
Aluminum
Light-Duty

* 2800ST and 9500 Series Closers are primarily specified.
All others are for both specified and discretionary projects.

FEATURES

7500 SERIES

A robust, multi-sized surface closer designed to deliver superior performance and long-term reliability.

Declare.



Features

- » Cast aluminum closer body
- » Adjustable spring sizes 1-6
- » Heavy-duty arms: Regular Rigid, Parallel Rigid, CloserPlus®, CloserPlus Spring™ and Unitrol®
- » Slide Tracks: push or pull side mounting
- » Corrosion resistant model available (specify 7500SS)
- » 25+ million cycles
- » 25-year limited warranty

Market Segment

- » Government
- » Industrial
- » Institutional

8000 SERIES

Multi-sized surface closer with a complete range of arms and a sleek, minimal design suited for architectural openings.



Features

- » Cast aluminum closer body
- » Adjustable spring sizes 1-6
- » Heavy-duty arms available: Parallel Rigid, CloserPlus®, CloserPlus Spring™ and Unitrol®
- » Available with full or slim line cover
- » 25+ million cycles
- » 25-year limited warranty

Market Segment

- » Government
- » Industrial
- » Institutional

9500 SERIES

Multi-size cast iron door closer for high-use applications.



Features

- » Cast iron closer body
- » Adjustable spring sizes 1-6
- » Heavy-duty arms available: Regular Rigid, Parallel Rigid, CloserPlus®, Parallel Rigid Offset and Unitrol®
- » Slide Track: push or pull side mounting
- » Closer mounting plate for easy installation
- » 25+ million cycles
- » 25-year limited warranty

Market Segment

- » Government
- » Industrial
- » Institutional

1600 SERIES

Fully adjustable door closer for aluminum storefronts and other medium traffic applications.



Features

- » Cast aluminum closer body
- » Adjustable sizes (1-6) and fixed sizes (3 or 4) available
- » Heavy-duty arms available: Parallel Rigid, CloserPlus®, CloserPlus Spring™, Cushion Stop and Unitrol®
- » Corrosion resistant model available (specify 1601SS)
- » 25+ million cycles
- » 25-year limited warranty

Market Segment

- » Institutional
- » Commercial
- » Retail

1700 SERIES

Multi-feature closers with compact design, ideal for application on interior doors.



Features

- » Cast aluminum closer body
- » Spring size 1, 2, 3, or 4
- » Installs regular arm, parallel arm or top jamb
- » 5-year limited warranty

Market Segment

- » Commercial
- » Retail
- » Multi-Housing

410 SERIES

Attractive retrofit solution for moderate-to-high traffic applications.



Features

- » Cast iron closer body
- » Adjustable spring sizes 1-6
- » Optional arms: Heavy-duty arm with removable stop, heavy-duty arm with removable stop and spring buffer
- » Direct replacement for LCN 4040XP
- » 10-year limited warranty

Market Segment

- » Industrial
- » Institutional
- » Commercial

2800ST SERIES

Cam action door closer for slide track applications.



Features

- » Cast aluminum closer body
- » Adjustable spring sizes 1-6
- » Slide track application with regular arm operating efficiency
- » Push or pull side mounting
- » 10-year limited warranty

Market Segment

- » Industrial
- » Institutional
- » Commercial

210 SERIES

Adjustable door closer for light duty commercial applications.



Features

- » Cast aluminum closer body
- » Adjustable spring sizes 1-6
- » Full plastic cover
- » Optional heavy-duty arm with removable stop
- » 10-year limited warranty

Market Segment

- » Institutional
- » Commercial
- » Retail

78-B/F SERIES

Potbelly closer ideal for retro look.



Features

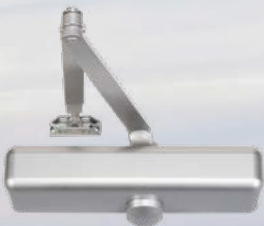
- » Cast aluminum closer body
- » Adjustable spring power:
 - » B/D - Spring size 2, 3, or 4
 - » E/F - Spring size 5 and 6
- » 10-year limited warranty

Market Segment

- » Industrial
- » Commercial
- » Retail

160 SERIES

Simple door control for light duty applications.



Features

- » Cast aluminum closer body
- » Adjustable sizes (1-4) and fixed size (4) available
- » Hold open arms available for 161BF only
- » 5-year limited warranty

Market Segment

- » Commercial
- » Retail
- » Multi-Housing



EPD



HPD

Declare.

Declare Labels available

COMPETITIVE CROSS REFERENCE

	ARCHITECTURAL		COMMERCIAL				
Norton	LCN	Dorma	PDQ	Cal Royal	Stanley	Falcon	Hager
9500	4040XP	X	X	X	X	X	X
7500	4050	8900	X	X	D4550	SC70A	X
8501	1460-72FC	8600	5500	X	D3551	X	X
8301	1460-72	8600	5300	X	D3550	X	X
1600	1260X	7400	X	X	D1650	X	X
1700	X	TS77	X	X	X	SC90A	X
9300	X	640	X	700	D1650	X	5400
2800ST	X	TS93	X	X	X	X	X
78B/F	X	X	X	X	X	X	X
410	X	X	7100	CR441	QDC112	X	5100
210	1450	X	5100	900/800	QDC211	SC80A	5200
160	1250	7300	3100	300/400	QDC311	SC60A	5300

NOTE: No products are exactly alike. This cross reference represents our judgement of products that are most similar. Information has been obtained from trade sources. It is not represented nor guaranteed that any product exactly equals any other products.



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Fully adjustable door closer for aluminum storefronts and other medium traffic applications

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1600
S E R I E S

ALUMINUM STOREFRONT
DOOR CLOSERS



The 1600 Series door closers offer proven quality, performance and reliability unmatched by the competition. A staple in the industry, these ANSI/BHMA Grade 1 closers are designed for exterior or interior doors. A full complement of regular and heavy-duty arms, brackets and options make the 1600 Series closers ideal for virtually any medium traffic, commercial application.




FEATURES

- » One-piece, heavy duty cast aluminum body
- » Adjustable 1-6 and fixed spring sizes 3 and 4 units available
- » Full complement of arms available as hold open or non- hold open
- » Maximum degree of swing is 180°, trim permitting
- » Tri-style® packaging: regular, top jamb or parallel mounting
- » Non-handed
- » 2-7/8" projection
- » Optional plastic cover
- » Corrosion resistant model (specify 1601SS)

BENEFITS

- » High strength aluminum alloy closer body provides for long life
- » Independent latch, sweep and backcheck intensity valves to ensure positive control
- » Broad variety of arms and applications for any environment
- » Quick adjust slide arm for easy installation and adjustment
- » Non-handed for installation on right- or left- hand swing door
- » Exceeds 25 million cycles (independently verified) for long life and fewer replacements
- » Longer life results in fewer replacements and less material used
- » Covered by Norton End-of-Life Recycling Program
- » 25-year limited warranty

CODE COMPLIANCE

- » ANSI/BHMA A156.4, Grade 1 certified 
- » UL / cUL listed for use on fire rated doors 
- » UL10C listed for positive pressure fire test
- » Meets requirements for Americans with Disabilities Act 

APPLICATIONS

- » Aluminum storefront and frames
- » Office doors
- » Storage closets
- » Utility rooms

RELIABLE

- » A high aluminum alloy body handles the rigors of interacting steel components and stringent operating conditions.
- » Robust arms are designed to withstand long-term abuse. A unique quick-adjust feature allows for easy installation and adjustment to fit changing environments.
- » A precision, machine-formed pinion design, coupled with crowned pinions for better teeth engagement, are vital to gain greater efficiency and longer life benefits.
- » NorGlide® door closer fluid contains lubricity and anti oxidation agents for optimum performance and efficiency. This fluid complements the interaction of the door closer's aluminum housing with its steel and zinc components, while maintaining stable viscosity to enable performance in temperatures ranging from extremely high to as low as -40° F.

SUSTAINABLE

- » An Environmental Product Declaration (EPD) is available for 1600 Series closers, reporting the environmental data of the product based on life cycle assessment (LCA) and other relevant information.
- » Norton's End-of-Life Recycling program provides free recycling and/or disposal of Norton products that have reached the end of their life cycle and are beyond the product's warranty period.
- » The 1600 Series is produced within a state-of-the-art manufacturing facility in Monroe, NC, audited by GreenCircle for sustainable manufacturing practices. Compared to a benchmark study of the same facility, the Monroe plant was verified to have made significant reductions in its carbon footprint, energy usage, water usage and waste to landfill.



COST OF OWNERSHIP

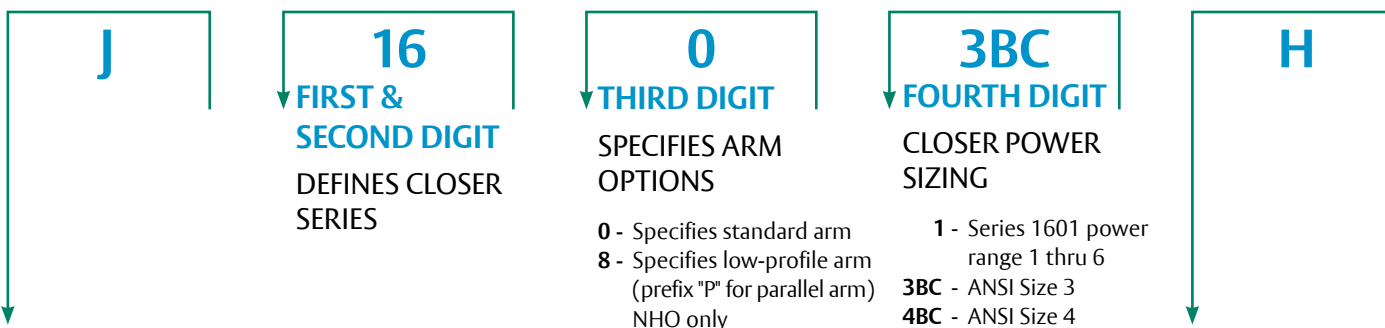
- » Norton 1600 Series closers exceed 25 million cycles (independently verified), proving product durability for a long life and fewer replacements down the road.
- » A limited 15-year warranty against defects and a limited lifetime warranty on the aluminum housing protects a facility's investment in a superior door closer with a proven history of durability.

FLEXIBLE

- » To properly fit the specific needs of each application, the 1600 Series adjustable size 1-6 closers offer a wide variety of options and specials, including more than 18 arm configurations; painted, plated and custom finishes; special drop plates and brackets, and more.
- » The 1600 Series closers are non-handed and can be installed on either right- or left- hand swing doors.
- » Options for special harsh or abusive environments, include the 1601SS corrosive resistant closer and a molded cover of high impact, UL-listed material.

HOW TO ORDER

For optimum protection of door and frame assemblies, always use auxiliary wall, floor, or overhead door stop.



PREFIXES

- No Prefix** } 1600BC series designates Tri-Style®, sized 1601 series designates Tri-Style®, multi-sized closer
- J** - Top jamb installation – reveals in excess of 2-3/4 to 7"
 - P** - 1600BC parallel arm units requiring specialty brackets
 - 1601 parallel arm units requiring specialty brackets
 - 1680BC low-profile closer
 - 1601SS corrosion-resistant closer – not Tri style
 - PR** - Parallel Rigid arm (parallel arm only) – specify hand for hold open functions
 - CLP** - CloserPlus® arm (parallel arm only)
 - CPS** - CloserPlus Spring™ arm (parallel arm only)
 - UNI** - Unitol® arm (parallel arm only - specify door width)
 - UNIJ** - Unitol arm (top jamb only - specify frame reveal)
 - CA** - Cushion stop arm

FIFTH DIGIT

- NONE** - Non-hold open arm function
- H** - Hold open arm function (specify hand when "PR" prefix is ordered)
- SS** - Series 1601 only
Corrosion-resistant closer
Not Tri-Style Available with non-hold open adjustable arm only; for regular arm, top jamb "J" prefix or parallel arm "P" prefix
- T** - Thumbturn hold open on CloserPlus® (CLP) and CloserPlus Spring™ (CPS) arms
- P** - Cover

FINISHES

Norton offers waterborne acrylic, polyester powder coat and plated finishes. Custom finishes are available on special order. A sample and approval is required.

Waterborne acrylic and polyester powder coat will withstand 100 hours of salt spray (ANSI requires 25 hours).

ANSI/BHMA	Description
600*	Prime Coat
605^	Bright Brass
606^	Satin Brass
611^	Bright Bronze
612^	Satin Bronze
613E	Dark Oxidized Satin Bronze - Equivalent
619^	Satin Nickel
625^	Bright Chrome

ANSI/BHMA	Description
626^	Satin Chrome
689	Aluminum
690	Statuary Bronze
691	Dull Bronze
693	Black
694	Medium Bronze Painted
696	Satin Brass Painted
N/A	556 White

*600 is a special rust-inhibiting prime coat. Closers can be ordered prime coat only (specify closer x 600). An additional charge applies if finish coat is required over prime coat.

^ Available on arms only.

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Since 1880, Norton door controls have been an integral part of schools, hospitals and businesses around the globe. When you need products and people that perform at the highest level, rely on Norton – From Open to Close.

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1600 SERIES CUSHION STOP ARM

The 1600 Cushion Stop arm is designed to help protect the door, frame and wall from damage in applications where an auxiliary stop cannot be used and moderate abuse is anticipated. This door closer offers proven quality, performance and reliability unmatched by the competition.



CA1601

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PRODUCT COMPARISON

	NORTON 1600	DORMA 7300 / 7400
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Certification and Warranty

ANSI/BHMA A156.4	Grade 1	Grade 1
UL & ULC Listed	Yes	Yes
Warranty	25 Year	25 Year
Extended Cycle Testing	25 Million	Not Advertised
End of Life Recycling Program Available	Yes	Not Advertised

Size and Construction

Construction (Body)	Aluminum	Aluminum
Mounting Hole Pattern	3/4" x 9-1/16"	3/4" x 10-1/4"
Spring Size	Fixed Size 3, 4; Adjustable 1-6	Fixed Size 3, 4, & 5; Adjustable size 1-4 or 3-6
Closer Body (Handing)	Non-Handed	Non-Handed
Standard Backcheck	Yes	Yes

Options

Plastic Cover	Optional	Optional
Metal Cover Option	No	No
Slim Line Cover Option	No	Optional
Delayed Action Option	No	Optional
Sex Nuts & Bolts (Tri-Style® pack)	Optional	Optional
Finishes	Multiple	Multiple

	NORTON CA1601 Arm	DORMA 7300 / 7400 IS/ISJ Arm
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Arm Features

Regular	•	•
Top Jamb	•	•
Available for Multi-Size 1-6 Units	Adjustable 1-6	Adjustable size 1-4 or 3-6
Available for Fixed Size Unit	Size 3, 4	Size 3, 4, and 5
Main Arm Construction	Forged	Stamped
Integrated Cushioning Mechanism	•	•
Applications (degrees)	85°, 90°, 95, 100°, 105°, and 110°	85°, 90°, 95, 100°, 105°, and 110°
Cushion Arm Top Jamb Reveal	0" - 3" [0mm - 76mm]	0" - 3-1/2" [0mm - 89mm]
Cushion Arm - Hold Open Option	No	•



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Make a Clean Getaway

5600 series

Hands-Free
Power Operator Kits
for Public Restrooms

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in door opening solutions



Looking for a simple and effective way to create a completely touchless restroom?

Just wave your hand! The NORTON 5600 Series Hands-Free Kits combine a wave-to-open switch with the 5600 power operator to open the door and provide a 'clean' exit without touching hardware. When used with automatic toilets, soap dispensers, sinks and dryers, the 5600 Hands-Free Kits provide the final piece of the puzzle for a touchless, germ free bathroom experience.

The Norton 5600 Series Hands-Free Kits feature the 5600 Low Energy Operator with a wave-to-open wall switch that can be ordered alone or with an electric strike for openings using cylindrical or mortise locks.

Benefits

- Easily retrofit public restroom doors to become part of a touchless environment
- Sensor in wave-to-open switch detects motion and opens door without touching hardware and transferring germs
- Convenient kits simplify the ordering process and ensure use of the correct components
- Industry-leading products offer reliability and durability
- Kits available for doors with or without locking hardware to transform any opening
- No additional power supply needed for accessories - 5600 powers both wave-to-open wall switch and electric strike

5600 Series Hands-Free Kits

There are 6 kits available to convert restrooms to a completely touchless environment. For product specific information, see the facing page.

5610K1 (pull), 5630K1 (push)

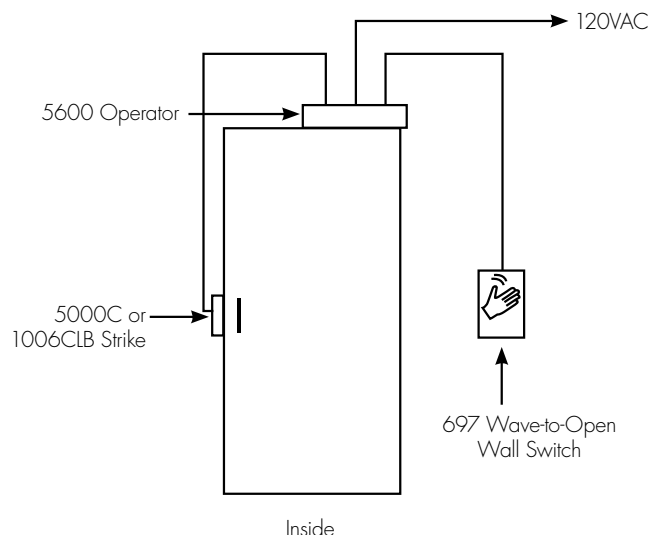
- For openings without locking hardware
- Contains 5610 (pull) or 5630 (push) power operator and wave-to-open wall switch

5610K1-SC (pull), 5630K1-SC (push)

- For openings with a cylindrical lock
- Contains 5610 (pull) or 5630 (push) power operator, wave-to-open wall switch and HES 5000C electric strike

5610K1-SM (pull), 5630K1-SM (push)

- For openings with a mortise lock
- Contains 5610 (pull) or 5630 (push) power operator, wave-to-open wall switch and HES 1006CLB electric strike



5600 Series Operator



5610 shown

The 5600 series electromechanical operator offers an easy and affordable way to achieve ADA compliance on interior, non-fire rated doors. Easy to install, setup and adjust, the 5600 is perfect for use in creating touchless restroom environments when used with the 697 Wave-to-Open Wall Switch.

Features

- Patent pending
- Push or pull side mounting
- Non-handed
- Quiet operation
- Electrically controlled backcheck, sweep and latch
- Onboard power supply for the touchless wall switch and electric strike

697 Wave-to-Open Wall Switch



The 697 Wave-to-Open wall switch is activated by movement. This switch provides an effective hands-free option to standard wall switches.

Features

- Single gang and double gang
- Doppler radar
- Sensor requires movement for activation
- Variable relay-hold time from 1 to 10 seconds
- Range of 2" to 24" – field adjustable
- 2-3/4" (Single); 4-1/2" (Double) W. x 4-1/2" H.

HES 5000C Electric Strike For Cylindrical Locks



The 5000C series, for use with cylindrical locks, is a compact, high performance electric strike designed for low profile openings where there is limited space behind the jamb. This field selectable fail secure/fail safe unit is easy to install and accommodates latchbolts up to 5/8" throw.

Features

- ANSI/BHMA A156.31 Grade 1 certified
- For metal frame applications
- Tamper resistant
- Static strength: 1500 lbs
- Dynamic strength: 70 ft-lbs
- Endurance: 500,000 cycles
- Non-handed

HES 1006CLB Electric Strike For Mortise Locks



The 1006CLB electric strike, for use with mortise locks, features heavy duty stainless steel construction providing extra strength for the strike. The 1006CLB ships with three interchangeable faceplates and will fully accommodate every lock designed to work with an ANSI 4-7/8" strike plate.

Features

- ANSI/BHMA A156.31 Grade 1 certified
- For metal or wood frame applications
- Tamper resistant
- Static strength: 3070 lbs
- Dynamic strength: 350 ft-lbs
- Endurance: 1,000,000 cycles
- Non-handed

NOTE: For additional information regarding strikes, please visit www.hesinnovations.com.

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43284-6/16



5600 *series*

Low Energy Operator
Barrier Free Accessibility

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Benefits

- Affordable functionality: simply opens and closes the door to automate interior, non-fire rated doors
- Ideal for retrofit applications: easy installation and optional AC power cord effortlessly converts openings for barrier free accessibility
- Convenient kits simplify the ordering process and ensure use of correct components
- Hands-free operation: easily retrofit public restroom doors to become part of a touchless environment
- Aesthetically-pleasing: clean, sleek design with small footprint blends in with any decor

Features

- Push or pull side mounting
- Non-handed
- Quiet operation
- Electrically controlled backcheck, sweep and latch
- Activation options: wall switches, radio frequency devices
- Onboard power supply for accessories
- Hands-free kits for touchless environments

Applications

- Touchless applications
 - Public restrooms
 - Laboratories
 - Examination rooms
- Retrofit applications to meet ADA
 - Offices
 - Classrooms
 - Dorm rooms

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43218-4/16R



Regenerative power door operator
for moderate to high-traffic applications

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in door opening solutions

5800
SERIES ADAEZ®

LOW ENERGY OPERATOR



OVERVIEW

As one of the world's only regenerative power door operators, Norton's ADAEZ 5800's series is certified by GreenCircle to reduce energy consumption by as much as 100 percent versus other comparable operators. Available in wireless and plug-in versions and able to fit in the tightest of spaces, the 5800 Series ADAEZ is simple to install and use.

FEATURES

- » Regenerative drive or continuous duty operation
- » Non-handed
- » 95° max. door opening
- » Push and pull side mounting
- » Push-and-Go (ADA1015P Kit must be connected)
- » Power Close (ADA1015P Kit must be connected)
- » RF Radio Frequency stainless steel push buttons
- » Integral RF receiver
- » Shock absorbing arm
- » 693T (black) and 689 (aluminum) covers standard
- » 24 VDC input port
- » ADA1015P hardware kit
- » Built-in ON/OFF Switch
- » Auxiliary activation input port
- » Maximum door width - 48"
- » Maximum door weight - 250 lbs
- » Patented Auto-Tune feature ensures safety and compliance with A156.19 code

CERTIFICATIONS & COMPLIANCE

- » ANSI/BHMA A156.19 certified
- » ETL tested to UL/cUL standard for automatic doors on fire & smoke barrier doors
- » Complies with requirements for Americans with Disabilities Act (ADA)
- » UL10c 90-minute positive pressure fire rating

BENEFITS

Simple Installation

- » Mounts on door
- » No voltage / low voltage power to opening
- » Includes stainless steel, weatherized RF push buttons
- » Patented Auto-Tune ensures safety & compliance

Flexible

- » Non-handed
- » Push and pull side mounting
- » Adjustable open/closing force
- » Controls doors up to 48" wide & 250 lbs
- » Functions like ordinary door closer when used manually

Dependable

- » Grade 1 – heavy-duty, commercial design
- » Protection from high-wind & abusive environments
- » Built-in battery backup allows use during power failure
- » Brushless DC motor/gearbox tested 10+ million cycles
- » Power Close ensures consistent door latching

SUSTAINABILITY CONTRIBUTIONS

This product has been documented to help facilities meet sustainable building certification programs, including LEED, WELL, Living Building Challenge & Net Zero Energy.

- » Environmental Product Declaration
- » Health Product Declaration
- » Declare Label
- » GreenCircle Certification-validation of energy efficiency claims, as compared to similar operators:
 - » 5800 Series ADAEZ® (plug-in) – 91% efficiency
 - » 5800 Series ADAEZ® (wireless) – 100% efficiency



ADAEZ PRO COMPLETE

COMPLETE ADA DOOR OPENING SOLUTION IN ONE BOX!

Bundles all the configurations of the ADAEZ PRO and ADAEZ PRO PLUS models into one easy to stock package.

- » Right or left hand doors
- » Push AND pull side mounting hardware
- » Black AND aluminum finish covers
- » Mounting hardware for virtually any door and frame
- » 24 VDC Plug In Transformer Kit for Continuous Automatic Use



ADAEZ PRO

No Electrical Power Required – 25% Automatic use or less

- » Ideal for commercial, high traffic and manual opening applications that occasionally require automatic operation
- » Regenerative Drive System charges an onboard battery pack
- » For traffic patterns allowing for 80 door cycles per day, 25% automatic and 75% manual
- » The PRO requires no electrical connection and installs like a manual door closer

ADAEZ PRO PLUS

24 VDC Powered – Continuous Automatic Use

- » Commercial applications requiring Push-and-Go, Power Close, or Electric Lock Interface features
- » Includes 24VDC Power Supply
- » For traffic patterns requiring continuous automatic use or automatic use more than 25% of the time
- » PRO PLUS installs like a manual door closer

ONE UNIT WITH TWO APPLICATIONS



Push Side Mounting without electrical power



Pull Side Mounting with ADA1015P Hardwire Kit

5800 ADAEZ OPERATOR ACTIVATION VIA WIRELESS INTERFACE MODULE

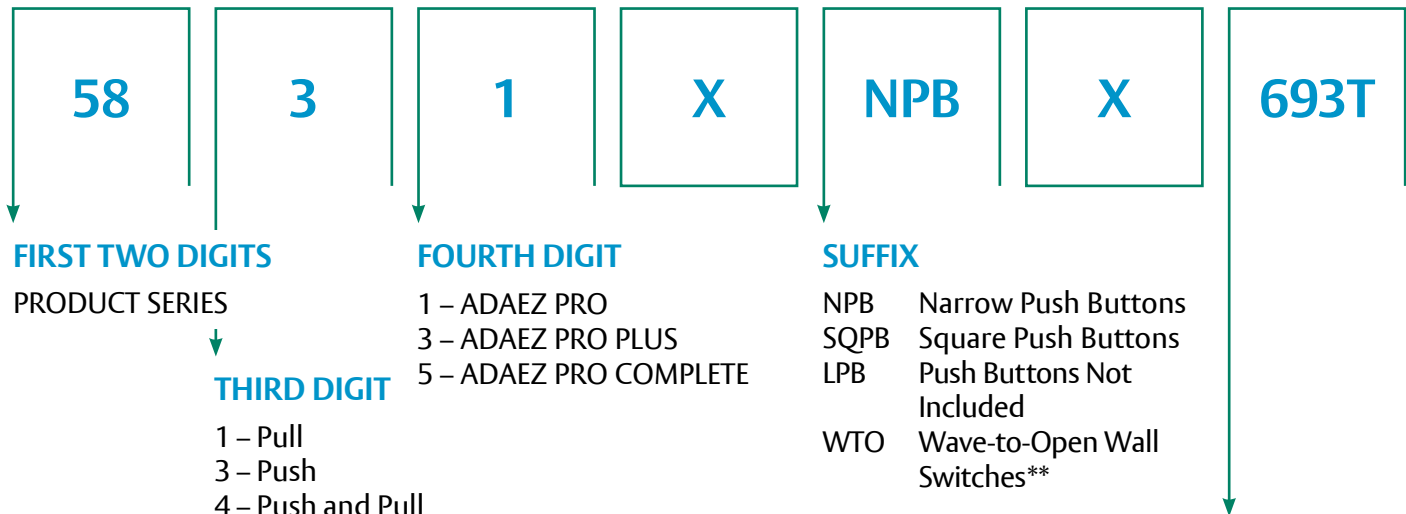
Seamlessly Interface to:

- » ADAEZ wireless push buttons
- » Wireless hand held remote
- » Electric locking devices
- » Access control system
- » Outside Push Button Disable: Privacy Feature
- » Emergency Interface Relay (EIR)



Order separately using
p/n ADA1028

HOW TO ORDER



Description	Specify Designation
Black Textured	693T
Aluminum	689

ADAEZ KITS	Model Number	Function		Description				
		PUSH	PULL	Narrow Style Buttons	Square Style Buttons	Wave-to-Open Switch	1015 Hardwire Kit: 24 VDC	Aluminum Dress Cover
PRO	5831 x NPB	●		●				○
	5811 x NPB		●	●				○
PRO	5833 x SQPB	●			●			○
	5813 x SQPB		●		●			○
PRO PLUS	5833 x NPB	●		●			●	○
	5813 x NPB		●	●			●	○
PRO PLUS	5833 x SQPB	●			●		●	○
	5813 x SQPB		●		●		●	○
PRO COMPLETE	5845 x NPB*	●	●	●			●	●
	5845 x SQPB*	●	●		●		●	●
	5845 x WTO*	●	●			●	●	●

Note: *5845 is shipped 693T x 689 finish
**Only available for ADAEZ PRO COMPLETE

○ – Optional parts
● – Standard parts

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ADA accessibility for Colleges and Universities

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The global leader in door opening solutions

5800 Series Norton ADAEZ Operator

A true out of the box solution can help colleges and universities meet ADA requirements deeper into campus buildings and provide accessibility for unique door type applications where traditional power operators cannot be installed.

Cost Effectiveness

An added benefit is the ability for maintenance employees to install, and maintain this type of door closer. This is a cost effective solution because you can eliminate maintenance service agreements and lower your energy consumption per opening compared to traditional power operators.

Energy Reducing Impact

A regenerative power system charges an onboard batter pack that eliminates the need to run electrical wire to the unit. When used in automatic mode 25% of the time or less, the 5800 Series ADA EZ PRO will self-generate enough power to charge the battery pack for up to 12 years.



Code Compliance

- ANSI/BHMA A156.19 certified
- ETL tested to UL/cUL standard for automatic doors on fire & smoke barrier doors
- Complies with requirements for Americans with Disabilities Act (ADA)
- UL10c 90-Minute Positive Pressure Fire Rating
- Verified by GreenCircle to offer these energy savings as compared to similar products:
 - 5800 Series ADAEZ® (plug-in) - 91% efficiency
 - 5800 Series ADAEZ® (wireless) - 100% efficiency

One Unit with Two Applications

ADAEZ PRO

No Electrical Power Required - 25% Automatic use or less

- Commercial, high traffic manual opening applications that occasionally require automatic operation.
- Regenerative Drive System charges an onboard battery pack.

The PRO model excels in applications where the traffic pattern allows for 80 door cycles per day, 25% of which are automatic and 75% of which are manual. The PRO requires no electrical connection, no permit, no inspection, no wiring, and no low voltage license. It installs like a manual door closer in less than 1 hour.

ADAEZ PRO PLUS

24 VDC Powered - Continuous Automatic Use

- Connects to ANY 24VDC Power Supply
- Commercial applications requiring Push-and-Go, Power Close, Electric Lock Interface features

The PRO PLUS model is for applications that require continuous automatic use or automatic use more than 25% of the time. Also for applications where the door is used less than 80 times on average per day or when expanded feature like "Push and Go", "Power Close", or Electric Lock interfaces are desirable.



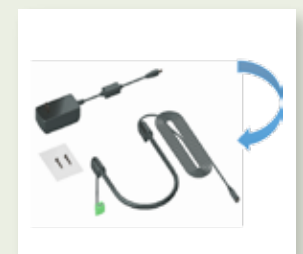
ADAEZ PRO



ADAEZ PRO PLUS

1015P = Only Difference

- 24VDC Transformer
- 50 Foot Connection Cable
- Armored Door Cord
- Heavy Duty End Links



Features

- Regenerative drive or continuous duty operation
- Non-handed
- 95° door opening
- Push and pull side mounting
- Push-and-Go (ADA1015P Kit must be connected)
- Power Close (ADA1015P Kit must be connected)
- RF Radio Frequency stainless steel push buttons
- Integral RF receiver
- Shock absorbing arm
- 693T (black) and 689 (aluminum) covers standard
- 24 VDC input port
- ADA1015P hardware kit
- Built-in ON/OFF Switch
- Auxiliary activation input port
- Maximum door width - 48"
- Maximum door weight - 250 lbs
- Patented Auto-Tune feature ensures safety and compliance with A156.19 code

Benefits

Easy to Install

ADAEZ is door mounted making it ideal for field conditions with:

- Deep Reveals
- Overhead Glass Transoms
- Flush Ceiling
- Objects (Exit Sign) In Header Area
- Narrow Stile Aluminum Glass Door Systems
- And can mount to as little as a 2" Door Top Rail

Flexible

- Push and pull side mounting
- Non-handed
- Controls doors up to 48" wide and 250 lbs in weight
- Meets requirements for Americans with Disabilities Act (ADA)

Maintenance Free

- Built-in battery back-up allows for over 2000 door activations after building power failure
- Acts like a manual door closer

Dependable

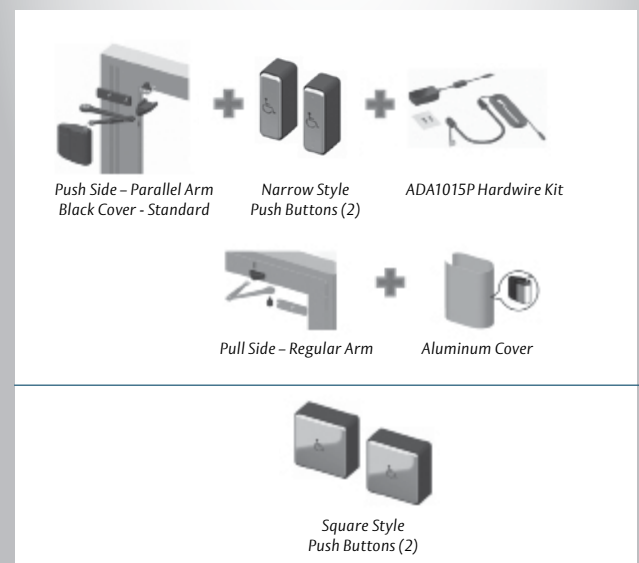
- Grade 1 - heavy-duty, commercial design
- Brushless DC motor/gearbox tested in excess of 10 million cycles
- Dynamic braking for high wind applications
- Electronic backcheck for abusive environments
- Power Close ensures consistent door latching

Complete ADA Door Opening Solution in One Box!

- Bundles all the configurations of the ADAEZ PRO and ADAEZ PRO PLUS models into one easy to stock package.
- Right or left hand doors
- Push AND pull side mounting hardware
- Black AND aluminum finish covers
- Mounting hardware for virtually any door and frame
- 24 VDC Plug In Transformer Kit for Continuous Automatic Use Applications



Kit Includes



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www.assaabloydss.com

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Versatile, Easy to Install, Heavy Duty





Full-featured operator with slim profile
for moderate to high traffic applications

Norton®

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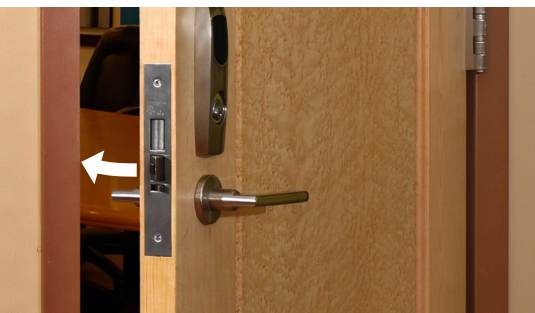
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6300
S E R I E S

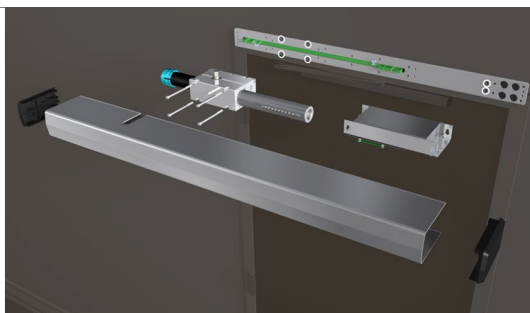
LOW ENERGY OPERATOR

SMART, SIMPLE & GOOD LOOKING

The Norton 6300 Series Low Energy Operator offers a broad set of intelligent functions, such as latch boost, latch retraction and obstruction detection to safely secure a variety of moderate to high traffic openings. A unique design with one of the slimmest profiles available allows the 6300 to blend more seamlessly with the frame while fitting challenging applications with minimal header space. A modular design and simple controls also make for easy installation and setup.



Latch Boost



Modular Design



Slim Profile

SMART

Large set of intelligent features deliver multiple options for effective security and safety

- » Latch boost ensures door closes to secure facility
- » Occupant safety enhanced by obstruction detection, power assist, and push and go functions
- » Inputs available for security override and fire safety

SIMPLE

Modular design and simple controls make for easy installation and setup

- » Modular, four-piece design allows for one-person installation
- » Heavy-duty back plate serves as template simplifying and speeding installation
- » Unit learns door properties (approximate weight) during installation for easy programming and set-up
- » Easy to use controls simplify setup
- » USB port allows for quick software updates
- » Tools such as BILT interactive installation instructions and installation video offer step-by-step visuals for operator installation, setup and programming

GOOD LOOKING

Slim profile compliments aesthetics while offering better fit for tight spaces

- » Unique design with slim profile blends seamlessly with frame
- » Cover spans full frame for 36" doors; accommodates doors up to 48"
- » Low profile easily fits applications with minimal header space

APPLICATIONS

Moderate to high traffic openings are ideal applications for the 6300 Series Low Energy Operator. Whether an interior or exterior door, the 6300 Series is a low energy door control solution that allows facilities to meet ADA (Americans with Disabilities Act) requirements by enabling a door to be operated through the use of push buttons, wave switches or hands-free radio frequency devices.

Ideal applications include:

Corridors

» Hospitals

» Universities

Entrance Doors

» Schools

» Theaters

» Banks

» Large office buildings

» Large department stores

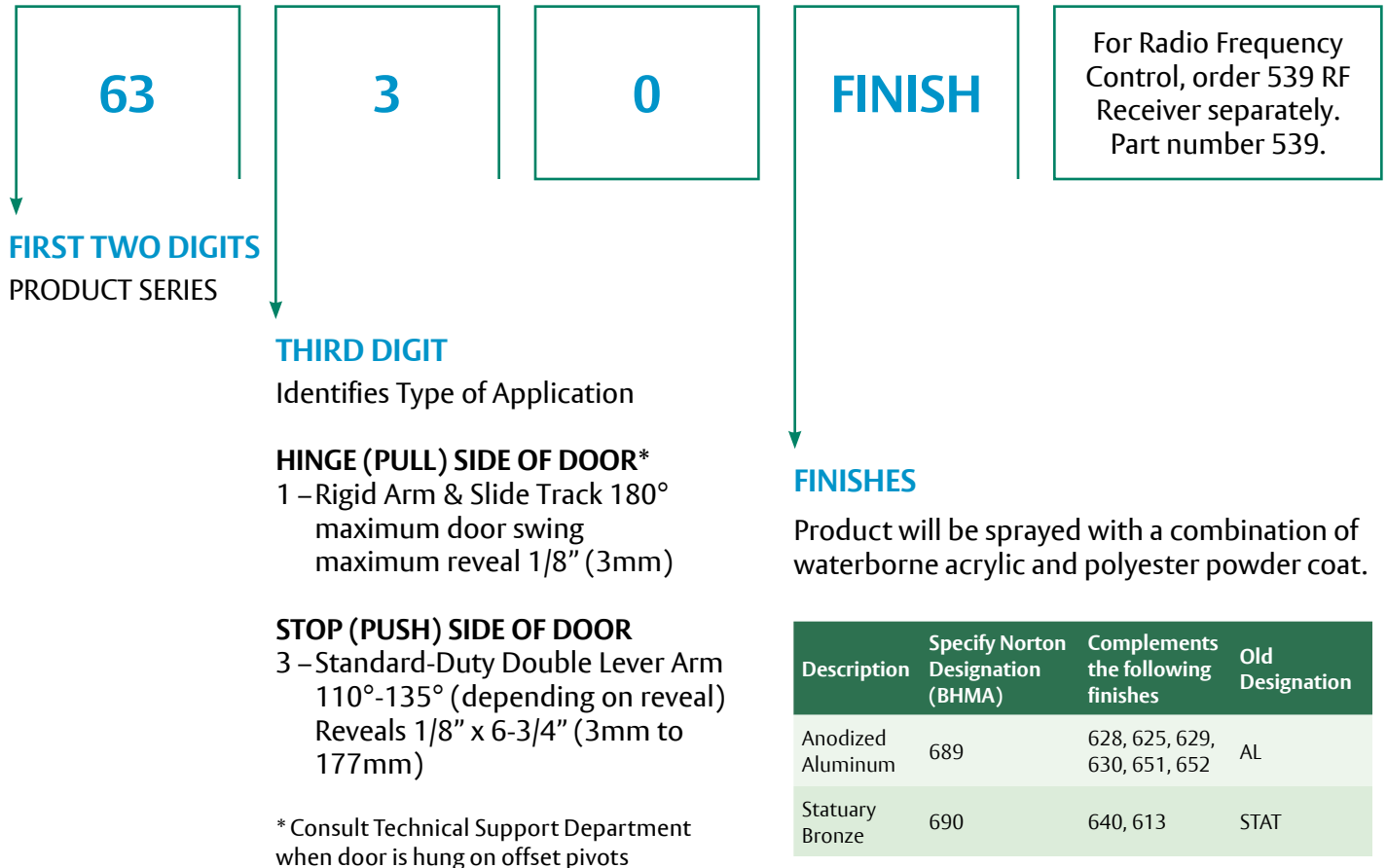
» Stores

» Hospitals



HOW TO ORDER

Note: All transmitters (door switches or key fob) must be ordered separately.



Product will be sprayed with a combination of waterborne acrylic and polyester powder coat.

Contact Technical Product Support for inquiries on custom finishes at 1-800-438-1951 ext. 6030.



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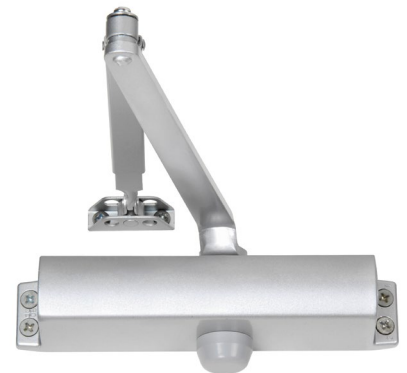


ALUMINUM STOREFRONT DOOR CLOSERS

Aluminum storefront openings continue to grow in popularity throughout a multitude of commercial buildings. With many closer options on the market today, it is important to understand the value and differences between Norton's 1600 and 160 Series door closers.



1600 SERIES



160 SERIES

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FEATURES & BENEFITS

FEATURE	BENEFIT	1600 SERIES	160 SERIES
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Listings and Approvals

ANSI A156.4 Grade 1	Meets or exceeds ANSI standards.	Yes	Yes
UL listed	Listed for use on fire-rated doors.	Yes	Yes
Extended Cycle Testing beyond ANSI Grade 1	Confirms durability and longer service life. ANSI requires 1.5m cycles.	25 Million	1.5 Million

Product Design

High performance casting alloys	Specially selected alloys provide increased strength, reduce wear and are dimensionally stable for a range of climatic conditions.	304 Alloy	Standard Alloy
Steel pistons	Specially selected to increase strength, reduce wear and extend service life.	Carbon Steel	Mild Steel
Pinion to arm attachment	Critical to maintain reliability under abusive conditions.	Precision Machined	Standard
Rack and pinion design	High strength design with increased rack and pinion engagement. Smooth load transfer increases reliability and service life.	13 Teeth	12 Teeth
Special applications support	Products customized for 'out of ordinary' applications.	Yes	No
Limited warranty period	Quality Norton door closers.	25 year	5 year

Product Configuration

Size and Multi-Sized springs	Provide maximum flexibility to meet site conditions.	Size 3 and 4 and Multi-Size 1-6	Size 4 and Multi-Sized 1-4
Regular, hold open, heavy duty and special application arms	Full range to meet typical North American architectural functions and mounting conditions.	Full range	Limited and series specific
Finish options (sprayed, powder coat, plated)	Range of choices to complement building décor.	Yes	689, 690 only
Optional full cover	May be required for specific applications	Yes	Yes
Adapter plates, mounting plates and brackets	Maybe required to meet site specific conditions.	Full range	Limited

Cross Reference Guide

Norton	LCN	Dorma	PDQ	Cal Royal	Stanley	Falcon	Hager
1600	1260	7400	–	–	QDC300	–	–
160	1250	7300	3100	300	D1610	SC60	5300

NOTE: No products are exactly alike. This cross reference represents our judgment of products that are most similar. Information has been obtained from trade sources. It is not represented nor guaranteed that any product exactly equals any other products.

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ARCHITECTURAL DOOR CLOSERS

Architectural door closers offer the ideal combination of a clean appearance, reliability and durability. With many options available on the market today, it is important to understand the value and difference between Norton's 8000 and 210 Series door closers.



8000 SERIES



210 SERIES

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www.NortonDoorControls.com

FEATURES & BENEFITS

FEATURE	BENEFIT	8000 SERIES	210 Series
---------	---------	-------------	------------

Listings and Approvals

ANSI A156.4 Grade 1	Meets or exceeds ANSI standards.	Yes	Yes
UL listed	Listed for use on fire-rated doors.	Yes	Yes
Extended Cycle Testing beyond ANSI Grade 1	Confirms durability and longer service life. ANSI requires 1.5m cycles.	25 Million	1.5 Million

Product Design

High performance casting alloys	Specially selected alloys provide increased strength, reduce wear and are dimensionally stable for a range of climatic conditions.	304 Alloy	Standard Alloy
Steel pistons	Specially selected to increase strength, reduce wear and extend service life.	Carbon Steel	Mild Steel
Pinion to arm attachment	Critical to maintain reliability under abusive conditions.	Precision Machined	Standard
Rack and pinion design	High strength design with increased rack and pinion engagement. Smooth load transfer increases reliability and service life.	13 Teeth	12 Teeth
Special applications support	Products customized for 'out of ordinary' applications.	Yes	No
Limited warranty period	Quality Norton door closers.	25 year	10 year

Product Configuration

Multi-size spring	Provide maximum flexibility to meet site conditions.	Size 1 thru 6	Size 1 thru 6
Regular, hold open, heavy duty and special application arms	Full range to meet typical North American architectural functions and mounting conditions.	Full range	Limited and series specific
Delayed Action option	Provides additional time to move through the doorway.	Yes	No
Finish options (sprayed, powder coat, plated)	Range of choices to complement building décor.	Yes	689, 690 only
Full, slim line and metal covers available	Full line offering for specific application needs.	Yes	Full cover only
Adapter plates, mounting plates and brackets	Maybe required to meet site specific conditions.	Full range	Limited

Cross Reference Guide

Norton	LCN	Dorma	PDQ	Cal Royal	Stanley	Falcon	Hager
8501	1460-72FC	8600	–	–	–	–	–
8301	1460-72	8600	–	–	–	–	–
210	1450	–	5100	900/800	DC1610	SC80	5200

NOTE: No products are exactly alike. This cross reference represents our judgment of products that are most similar. Information has been obtained from trade sources. It is not represented nor guaranteed that any product exactly equals any other products.

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PowerMatic®
Low Energy Operator:

6000 *series*

Intelligent, Reliable Control



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in door opening solutions

6000 Series Low Energy Operator



Part of the PowerMatic® Series of low energy operators, the 6000 provides intelligent and superior door control for high usage, heavy duty applications. A full featured unit, the 6000 offers built-in intelligence like Push and Go and Obstruction Detection to meet the needs of your facility.

Benefits

Easy Installation, Commissioning and Maintenance

- Modular construction for easy, one person installation
- LCD screen and joystick controller ease setup without special tools or training
- Configurable to meet virtually any site, activation or system integration requirements

Flexible

- Large onboard power supply to handle multiple system peripherals
- Coordinates with smoke evacuation "blow-open" requirements

Reliable and Durable Operation

- Uses Grade 1 7500 Series heavy duty door closer
- Interfaces with electric hardware and integrates with access control
- Operates as a mechanical surface closer when power is off

Built-in Intelligence

- Push and Go opens door to full-open position upon manual activation
- Obstruction Detection on both open and close cycle
- On board electronics collect usage and cycle count data to facilitate preventative maintenance/diagnostics



Features

- Push or pull side mounting
- Non-handed
- 1.3A onboard power supply
- Activated by push button, hands-free, and RF devices
- Infinite hold open
- Maximum door size 4'0" x 8'0", 250 lbs
- For use on fire-rated doors
- Meets ADA requirements

Applications

- Government Buildings
- Convention Centers
- Hospitals
 - Examination Rooms
 - Main Entrance Doors
- Colleges or Universities
 - Entrance Doors
 - Gymnasium Doors
 - Common Areas
 - Dormitory Entrances

Norton Door Controls

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in door opening solutions

**LOW ENERGY
OPERATORS**

BROCHURE

ELECTROHYDRAULIC

- » Electrohydraulic low energy operators incorporate a door closer for smooth reliable door control
- » These units are used in applications where doors are typically operated manually, but can also be activated via wall switches, motion sensors, etc., for automatic operation

6000 SERIES

The 6000 Series low energy operator is a heavy-duty unit designed for rigorous, high-use applications. Built-in intelligence enables the operator to safeguard users while providing better door control. Simple installation and adjustment features combined with the unit's high level of versatility allows for seamless integration with a multitude of facilities and systems.



Declare.

Simple to Install & Maintain

- » LCD screen and joystick controller simplifies setup
- » Wiring harness positioned for easy access with screwdriver

Versatile Configuration & Integration

- » Large onboard power supply for multiple system peripherals
- » Configurable to meet virtually any site, activation or system integration requirements
- » Interfaces with electric hardware and integrates with access control

Robust Design Delivers Reliability

- » Uses 7500 Series heavy duty, Grade 1 door closer
- » Heavy duty chain and aluminum backplate withstand rigorous applications
- » Heavy duty arms available for deep reveal application

5700 SERIES

The 5700 Series Low Energy Operator comprises three components, making it an easy solution for medium traffic doors that need basic operator functionality. While simple to install and use, this operator consists of a 1600 series door closer with a proven history of dependability.



Dependable

- » Uses 1600 Series closer for reliable door control

Flexible

- » Non-handed
- » Push or pull side mounting

Versatile

- » Coordinates and powers electric strike
- » Optional power cord eases installation on existing openings

ELECTROMECHANICAL

- » Electromechanical low energy operators feature a motor and gearbox for consistent automatic operation
- » These units are used in applications where automatic mode (activated by wall switches, motion sensors, etc.) is the primary function

5600 SERIES

The 5600 Series Low Energy Operator provides a straightforward solution for interior, non-fire rated doors that need to be automated to offer ADA-compliant accessibility.



Consistent and Dependable

- » Quiet electromechanical operation meets ADA requirements and provides easy access

Hands-free Operation

- » Ideal for public restrooms or upgrading openings for ADA compliance when used with touchless wall switches

Affordable Functionality

- » Simply opens and closes the door to automate interior, non-fire rated doors

Ideal for Retrofit Applications

- » Easy installation and optional AC power cord effortlessly converts openings for barrier-free accessibility

OPERATOR SELECTION GUIDE





EPD



HPD



GC certification and



Declare Labels available

5800 SERIES

As one of the world's only regenerative power door operators, Norton's 5800 Series ADAEZ® is certified by GreenCircle to reduce energy consumption by as much as 100 percent versus other comparable operators. Available in wireless and plug-in versions and able to fit in the tightest of spaces, the 5800 is simple to install and use.



Simple Installation

- » Mounts on door
- » No voltage / low voltage power to opening
- » Includes stainless steel, weatherized RF push buttons

Flexible

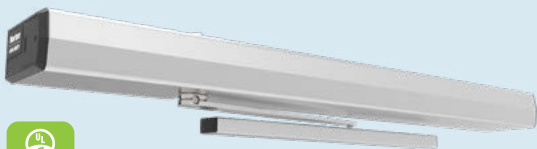
- » Push and pull side mounting
- » Adjustable open/closing force
- » Functions like ordinary door closer when used manually

Dependable

- » Protection from high-wind & abusive environments
- » Built-in battery backup allows use during power failure
- » Brushless DC motor/gearbox tested 10+ million cycles

6300 SERIES

The Norton 6300 Series Low Energy Operator offers a broad set of intelligent functions to safely secure a variety of moderate to high traffic openings. A unique design with one of the slimmest profiles available allows the 6300 to blend more seamlessly with the frame while fitting challenging applications with minimal header space. A modular design and simple controls also make for easy installation and setup.



Smart

- » Latch boost ensures door closes to secure facility
- » Occupant safety enhanced by obstruction detection, power assist, and push and go functions
- » Inputs available for security override and fire safety

Simple

- » Modular, four-piece design allows for one-person installation
- » Heavy-duty back plate serves as template simplifying and speeding installation
- » Unit learns door properties (approximate weight) during installation for easy programming and set-up

Good Looking

- » Unique design with slim profile blends seamlessly with frame
- » Cover spans full frame for 36" doors; accommodates doors up to 48"
- » Low profile easily fits applications with minimal header space

FEATURES	ELECTROHYDRAULIC		ELECTROMECHANICAL		
	6000	5700	6300	5800	5600
Non-Handed	Yes	Yes	Yes	Yes	Yes
Push or Pull Side Mounting	Yes	Yes	Yes	Yes	Yes
Push and Go	Yes	No	Yes	Yes~	Yes
Obstruction Detection	Open/Close	Open	Open/Close	Open	Open/Close
Back Check Standard	Yes	Yes	Yes	Yes	Yes
Power Close	No	No	Yes	Yes~	No
Latch Retraction	Yes	Yes	Yes	Yes	No
Infinite Hold Open	Yes	No	Yes	Yes#	No
Door Traffic (Heavy, Moderate, or Light traffic)	H	M	M-H	M-H	L
Use on Exterior Doors	Yes	Yes	Yes	Yes	No
Use on Fire Rated Doors	Yes	Yes	Yes	Yes (90 min)	No
Use with Actuation Devices: Push Buttons, RF and Hands Free	Yes	Yes	Yes	Yes	Yes
Integration with Access Control Systems	Yes	Yes	Yes	Yes	Yes
Blow Open Function for Smoke Ventilation	Yes	No	Yes	No	No
Warranty	2 yrs	2 yrs	2 yrs	2 yrs	1 yr

SPECIFICATIONS

Maximum Door Weight [^]	250 lbs	250 lbs	200 lbs	250 lbs	150 lbs
Current Draw	.9A	.6A	1.5A	.4A	.6A
Onboard Power Supply for Accessories	24 VDC @ 1.3 A	24 VDC @ 1.1 A	24 VDC @ 1.3 A	N/A	24 VDC @ 1.1 A

REGULATORY

ADA	Yes	Yes	Yes	Yes	Yes
BHMA Certified to A156.19	Yes	Yes	Yes	Yes	No
Meets UBC 7.2 (1997) and UL10C Positive Pressure Requirements	Yes	Yes	Yes	Yes	No
Conforms to ANSI/UL 325	Yes (ETL)	Yes (UL)	Yes (ETL)	Yes (ETL)	Yes (ETL)

~ PRO Plus only, # Auxiliary switch required

General door usage guidelines for more common applications:

Potential Applications	Usage	Norton Operators best suited for these usage rates
Large department store entrance	Heavy	6000
Large office building entrance		
Theatre entrance		
School entrance		6300 5800
School restroom entrance		
Store or bank entrance		
Office building restroom entrance		
School corridor door	Moderate	5700
Office building corridor door		
Store restroom entrance		
Building entrance door		
Non-Fire Rated building restroom door	Light	5600
Non-Fire Rated building hallway door		
Non-Fire Rated building supply closet door		

Note: In addition to automatic cycles, certain factors must be taken into consideration, such as door weight and location, code requirements, and other aspects related to the specific application. Consult local authority having jurisdiction.



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Since 1880, Norton door controls have been an integral part of schools, hospitals and businesses around the globe. When you need products and people that perform at the highest level, rely on Norton – From Open to Close.

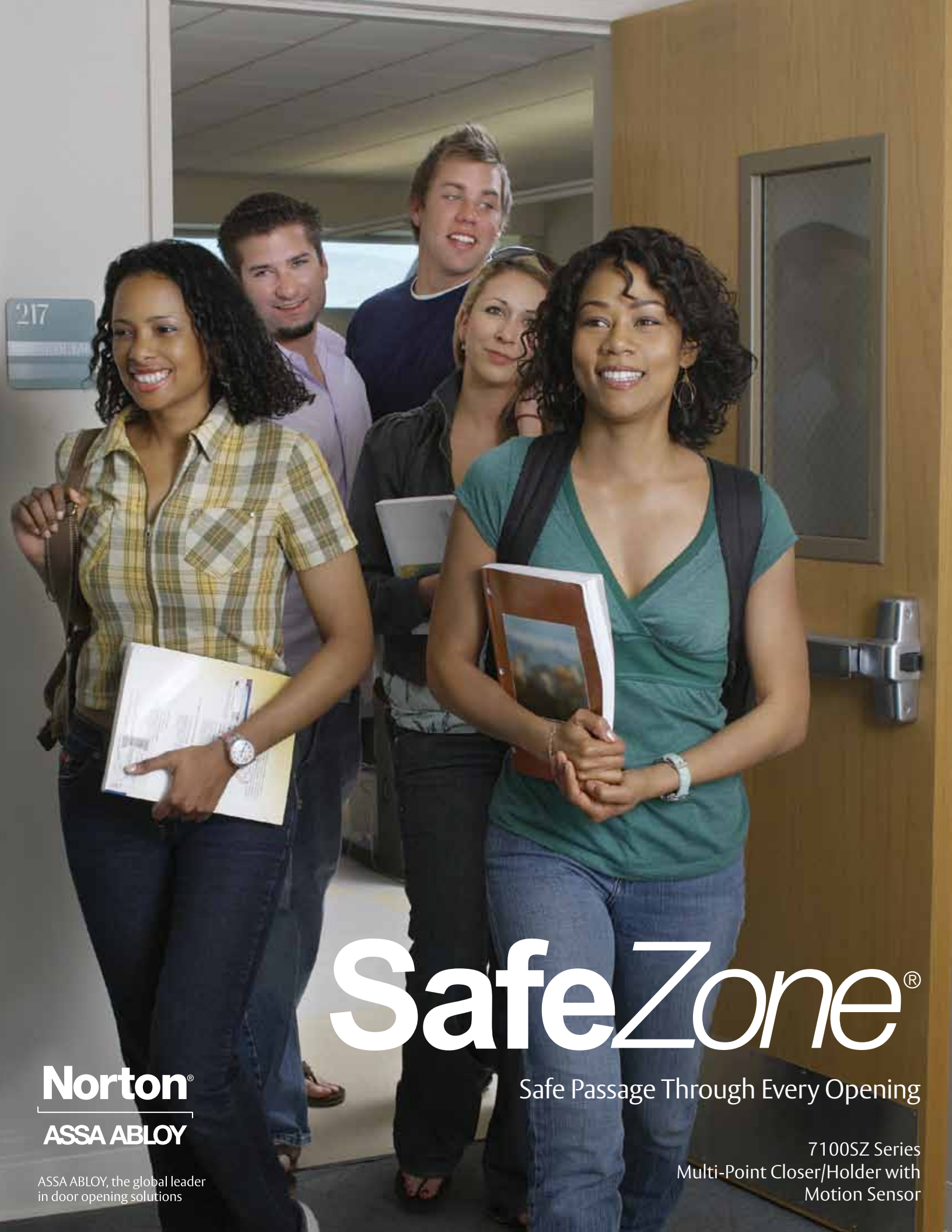
Norton Door Controls | www.nortondoorcontrols.com

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SafeZone[®]

Safe Passage Through Every Opening

Norton[®]
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in door opening solutions

7100SZ Series
Multi-Point Closer/Holder with
Motion Sensor

SafeZone®



Create a “zone of safety” in your door openings! NORTON SafeZone senses movement through the doorway and holds the door open, offering safe passage. Ideal for educational environments where the continuous flow of traffic through heavy doors results in unnecessary wear and tear. Students, staff and teachers often struggle with getting themselves and their cargo through heavy doors - SafeZone can help by keeping the door safely out of their way until they are clear of the opening. Get them in the zone!

Benefits

- Students, staff and teachers can pass through the opening at their own speed without fear of being struck by the door
- Extends the life of the opening by limiting unnecessary cycles. Door remains open while a stream of students and staff, or a person with equipment, travel through the opening. Door closes only after motion is no longer detected.
- Reduces damage to doors and frames caused by carts or equipment. Prevents the door from closing while moving items through the opening.
- Reduces the likelihood doors will be propped open providing
 - Energy savings
 - Fire code compliance
 - Increased security

Features

- Multi-point, electromechanical door closer/holder
- Sensor detects movement in both directions
- Selectable hold open time and sensitivity
- Push or pull side mounting
- Fail safe operation
- Certified to meet ANSI/BHMA A156.15
- Patent Pending innovation
- ADA compliant models
- UL and UL10C Compliant

Applications

- Schools and Universities
 - Cafeterias
 - Gymnasiums
 - Auditoriums
 - Storage and Equipment Rooms
- Theaters
- Places of Worship

Door Control Continuum

Using a combination of door closers, low energy operators and SafeZone®, each opening can have the right product to match the application need.

Legend	
	SafeZone®
	Door Closer
	Power Operator
	Touch Free Operator*



* Norton offers the ideal solution for touch free environments like restrooms with the 5600 low energy power operator. Visit our web site for more details.

Norton®
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For a complete listing of products please visit our website
Norton Door Controls
Tel: 877-974-2255
www.nortondoortcontrols.com

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SafeZone®

Safe Passage Through Every Door Opening

7100SZ Series
Multi-Point Closer/Holder with
Motion Sensor



Norton®

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ASSA ABLOY, the global leader
in door opening solutions

SafeZone®



Make your healthcare or long term living facility easy to navigate for staff, patients and families. NORTON *SafeZone* senses movement in the opening and holds the door open, offering safe passage. Ideal for openings through which walkers, wheelchairs or equipment regularly pass, *SafeZone* reduces the potential for falls and damage to doors and frames.

Benefits

- Elderly patients, young visitors, people in wheelchairs or using walkers can safely pass through the opening at their own speed without fear of being struck by the door.
- Assists staff when navigating through openings with food carts or equipment
- Reduces damage to doors and frames caused by wheelchairs and other transported items
- Door remains open while a stream of people or a person with equipment, travel through the opening. Door closes only after motion is no longer detected.
 - Limits unnecessary cycles
 - Extends life of the opening
 - Protects opening and surrounding walls
- Reduces the likelihood doors will be propped open providing
 - Energy savings
 - Fire code compliance
 - Increased security

Features

- Multi-point, electromechanical door closer/holder
- Sensor detects movement in both directions
- Selectable hold open time and sensitivity
- 120VAC or 24VDC
- ADA compliant push or pull side units
- Fail safe operation
- Certified to meet ANSI/BHMA A156.15
- Patent Pending innovation

Applications

- Hospitals and healthcare facilities
 - Ambulatory care facilities
 - Recovery areas
 - Soiled linen areas
 - Specialty care areas
- Long term living facilities
- Labs and research facilities

Door Control Continuum
Using a combination of door closers, low energy operators and *SafeZone*®, each opening can have the right product to match the application need.

Legend	
	SafeZone®
	Door Closer
	Power Operator
	Touch Free Operator*



*Norton offers an affordable solution for touch free environments like restrooms with the 5600 low energy power operator combined with a touch free sensor. Visit our web site for more details.

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