



## 87 SERIES

### High Security Relatching Concealed Vertical Rod Device

Designed to enhance the architectural aesthetics of any décor, the 87 Series high security concealed vertical rod exit device is also super-heavy-duty panic and fire exit hardware for use on all types of hollow metal doors without a mullion. The patented mounting plate system ensures the easiest and most accurate installation of panic hardware available.

Note: Only available with both top and bottom rod configuration



#### Benefits

- Tough and durable design for years of trouble-free service in high-use, high-abuse environments
- Outside trims are easily changed or rekeyed without removing device from door (exception: 03WSV)
- Minimal door prep saves time and money
- Fast and easy installation saves time and money
- Heavy duty angled end cap deflects damage away from device

#### Features

- 6-position multi-step action in top latch keeps top and bottom bolts retracted until door closes and provides more consistent re-latching and security to door
- Durable steel bottom drop bolt
- 1/8 turn dogging
- Top strike fully adjustable both vertically and to accommodate a variety of varying weather strip thicknesses
- Patented deadlocking of top and bottom bolt assemblies
- Rods are easily adjustable with rods installed in door
- Handed - field reversible
- Field sizeable
- Top strike both secures the door and re-engages the latchbolt

#### Mechanical Options

- T - Tornado/Windstorm Rated (FEMA 361) - up to 42" wide and 88" height
- F - Contact factory for availability
- AM - Anti-Microbial Coating
- HD - Hex Dogging (Std.)
- CD - Cylinder Dogging
- SLR - Silencer
- 24 - Fits 24" Door Width
- 30 - Fits 30" Door Width
- 36 - Fits 36" Door Width (Std.)
- 48 - Fits 48" Door Width
- EC1 - Heavy duty angled end cap (standard on 630, 606, 612, 613, 605, 611 & 629 finishes only)
- EC2 - Flush end cap (standard on 628, 693 & 695 finishes only), specify when used on 2" - 3-1/2" stiles

#### Electrical Options

- Exit Alarm (EA)
- Electric Dogging (ED)
- Electric Latch Retraction (ER)
- Delayed Egress Self-Contained (EE)
- Request to Exit (EX)
- Request to Exit for High Voltage (EXV)
- Electric Delayed Egress with Latch Retraction (EE ER)

Refer to Electrified Options section for more information



## Accessories

- SSK4 - Security Torx Screw Kit
- Trim Functions (see Outside Trims)
- Electrified Options (see Electrified Options)

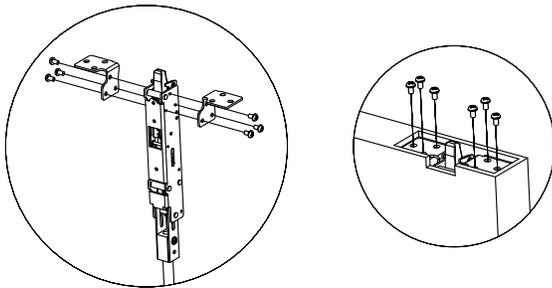
## Technical Information

- Door Types - Hollow Metal
- Door Thickness - Fits standard 1-3/4" - 2-1/4" (for other door thicknesses contact factory)
- Minimum Stile - 5"
- Fasteners - Machine and Self-Drilling Screws standard
- Rail is heavy ribbed aluminum extrusion

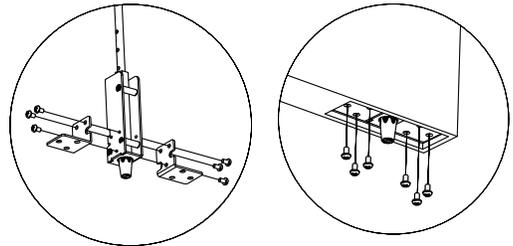
## Finishes

605 / US3	Polished Brass	628 / US28	Satin Aluminum	693 / SPBLK	Black, painted
606 / US4	Brushed Brass	629 / US32	Polished Stainless Steel	695 / SP313	Dark Bronze, painted
611 / US9	Polished Bronze				
612 / US10	Brushed Bronze	630 / US32D	Brushed Stainless Steel		
613 / US10B	Oil Rubbed Bronze				

## Top Latch Installation



## Bottom Latch Installation



## Listings and Approvals



UL Listed Panic Hardware



ULC 97, Standard 7-2 and UL10B/UL10C for positive pressure



UL Listed Fire Exit Hardware for 3 hours, maximum 8'x10' pairs of doors



Meets NFPA 80 & 101 for Life Safety



Meets ADA requirements

Qualified to meet FEMA 361; Tested at TEXAS Tech University National Wind Institute



ANSI/BHMA certified A156.3

## Detex Limited Warranty

10 Year Mechanical/3 year Electrical Limited Manufacturer's Warranty

For detailed windstorm and fire listings, visit [www.detex.com/PROVEN](http://www.detex.com/PROVEN)

**DETEX**<sup>®</sup>  
A Century of Security  
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