

## Electric Latch Retraction Option (56-)

### 80 Series

SARGENT's Electric Latch Retraction exit device is the perfect choice for high traffic egress doors that require access control. This non-handed exit device rail is durable and easy to install. It utilizes a latch retraction motor rather than a solenoid, ensuring quiet operation ideal for locations such as conference rooms, theaters and libraries. Once retracted, the door functions in a push/pull manner.

The 56- exit device can be dogged for momentary ingress and egress and is commonly used in conjunction with an automatic door operator. The device can be dogged continuously on fire-rated devices that are tied into the building's fire detection system.



### 56- Electric Latch Retraction Features

- 5 year warranty
- U.S. Patent No. 7,484,777; Additional patent(s) pending
- Field serviceable -modular design
- Motor driven latch retraction for smooth, precise operation
- Amount of rail retraction is automatically controlled by the 56- circuitry; System actively monitors its position and adjusts itself
- Digital retraction timer (0-20 seconds; factory setting is 5 seconds)
- Non-contact Request-to-Exit (55-) switch available
- Retrofit kits available - see next page
- Standard electric hinge - no special power transfer required
- Can be used for continuous and intermittent use
- UL Listed for Class II Circuitry
- Power Requirements: 24VDC regulated/filtered power supply (3500 Series)
- Current draw: .6A during retraction and .25A maintained in dogged hold position
- Requires 1A at 24VDC regulated/filtered power supply
- Available for all 80 Series exit devices (except FM8700)
- See page 72 for compatible options
- Minimum Door Widths:
  - Wide Stile Door 28"
  - Narrow Stile Door 28"
- See McKINNEY's Transfer Device Solutions Catalog for QC Hinge and cable requirements
- Order as a 56- option (e.g., 56-HK-8913F x ETMF x 32D x 36")

**Note:** HK- and 16- are not available for Fire Rated Doors

**Note:** The 56- Option is not supplied with Manual Dogging (Hex Key or Cylinder Dogging) unless specified

### Optional Accessories

- 3500 Series Power Supply
- 4370 Keypad
- 4291/4292 Keypad
- 3287 Door Status Switch
- 881 Monitor Strike
- 4341 Push Button Switch (momentary)



# Electric Latch Retraction Motor Kits and Push Rail Kits

80 Series

**SARGENT®**

**ASSA ABLOY**

M56- Motor Retrofit Kits			
<b>The 56- Motor Retrofit Kits can only be added to 80 Series Exit Devices* manufactured after 2006 &amp; P Series Exit Device</b>	<b>Upgradeable Design</b>  Exit Devices that are upgradeable have straight push rail nose & tail; manufactured starting in 2007	<b>Upgrade using R56 Kits only</b>  Exit Devices with a stepped Nose & Tail, produced prior to 2007, require the R56 Kits; the Push must be replaced	<b>Rail Sizes</b> 
	<b>56- Push Retrofit Kit Number</b> M56A x Rail Size-- M56B x Rail Size	<b>Type of Device to be Upgraded</b> 80 Series & P Series Exit Device* 53-80 Series Exit Devices*	<b>Kits Description: 56- Motor Kits</b> Retrofits standard mechanical rail. Contains ribbon wiring. Retrofits 53- Exit Devices. Does not include 53- Signal Switch. Contains wiring to reconnect to the pre-existing 53- Chassis Signal Switch.

\* Except FM8700 Series Exit Devices and Exit Devices with a stepped Nose & Tail, produced prior to 2007

\*\* Motor Retrofit Kits are identical for E and F size Rail Assemblies

- 55-M56 Kit: Request to Exit Signal Switch is integrated into the connecting arm within the rail
- 56- Motor Retrofit Kits can be used with 855 Request to Exit Kit or 816 Cylinder Dogging Kits
- Kits require a minimum insert length of 5" for 56- & 7" for 16-56- for the electronics
- Rail size is needed when ordering to supply the correct length wires

Option Available: 55- Non-Contact Request to Exit switch

How to Order: M56A (Kit #) x F (Rail Size)

Kit includes: Motor Bracket Assy, Motor Controller & Fasteners

R56- Retrofit Kits with Push Rail			
<b>The 56- Push Retrofit Kits can only be added to 80 Series* Exit Device manufactured after 1995</b>	<b>Upgradeable Design</b>  Upgradable Exit Devices do not have Pivots in the Mtg Rails; manufactured starting in 1995	<b>Mounting Rail Pivots</b>  Devices with Mounting Rail Pivot Pins can Not be upgraded	<b>Rail Sizes</b> 
	<b>56- Push Retrofit Kit Number</b> R56A x Rail Size & Finish R56B x Rail Size & Finish	<b>Type of Device to be Upgraded</b> 80 Series Exit Device* 53-80 Series Exit Devices*	<b>Kit Descriptions: 56- Push Retrofit Kits</b> Retrofits standard mechanical rail. Contains ribbon wiring. Retrofits 53- Exit Devices. Does not include 53- Signal Switch. Contains wiring to reconnect to the pre-existing 53- Chassis Signal Switch.

\* Except FM8700 Series Exit Devices and 80 Series Exit Devices produced prior to 1995

- Adding a R56 Kit to a 55- Rail, the 55- Switch will be eliminated.
- For 55-56- Rail Assemblies, use either a 55-R56 Kit or a R56 Kit with a 855 Kit
- R56A & R56B Kits can be used with 855 Request to Exit Kit or 816 Cylinder Dogging Kits
- Kits require a minimum insert length of 5" for 56- & 7" for 16-56- for the electronics

Options:

- 19- Push Rail less the Black Lexan Touch Pad
- 55- Non-Contact Request to Exit switch
- HK- Hex Key Dogging to allow for manual dogging of the device
- SG- MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes)

How to Order: R56A (Kit #) x F (Rail Size) x 32D (Finish);

Kit includes: Motor Bracket & Push Rail Assy, Motor Controller & Fasteners

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