

PRODUCT CATALOG

PE80 Series Exit Device



Experience a safer
and more open world

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The SARGENT PE80 Series is the next generation of exit devices. Designed with innovation in mind, the powerful and exquisite exit device introduces new and enhanced features as compared to other models across the industry. Ideal for environments that require maximum strength and durable security solutions, all configurations (rim, mortise, surface vertical and concealed vertical rod) exceed ANSI/BHMA Grade 1 requirements.

INNOVATION

- All wires for electromechanical options are routed through the rail
- Vertical rods adjusted at the center case on concealed and surface vertical rod devices
- Large chassis indicator viewing window
- Hidden dogging mechanism
- Improved Delayed Egress functionality
- Enhanced Motorized Electric Latch Retraction features
- EcoFlex® technology on all electrified trim
- Motorized Electric Latch Retraction available with FEMA certified devices
- 5lb pressure latch release optional on all rim and concealed vertical rod device types to comply with California Building Codes
- Available with MicroShield or CuVerro Shield Coating (Available as a Special)

SECURITY

- Torx® screws
- Pushrail dogging option available, with or without indicators
- Lock Status Indicator option available for rim devices
- Master keying with Sargent Security Key systems available (Degree®, Signature, Keso F1, Keso and XC)

STRENGTH AND DURABILITY

- ANSI/BHMA A156.3 Grade 1 certified
- Exterior components made of stainless steel
- Heavy duty mounting construction
- Built to withstand abusive conditions and designed to deflect impacts from carts
- Robust end cap design for high impact environments
- 10-year warranty

AESTHETICS

- Multiple trim options for wide and narrow stile applications
- No catch points
- No visible fasteners on rail assembly
- Mixed finish options
- Available with Studio Collection decorative lever trim
- Available with MicroShield or CuVerro Shield coating



PE8800 Wide Stile Rim Exit Device



PE8500 Narrow Stile Rim Exit Device



PE8700 Wide Stile Surface Vertical Rod Exit Device



PE8900 Wide Stile Mortise Lock Exit Device



PE8300 Narrow Stile Mortise Lock Exit Device



PE8600 Wide Stile Concealed Vertical Rod Exit Device

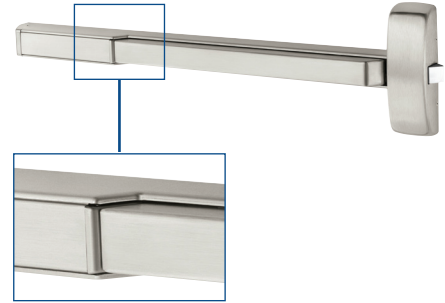


PE8400 Narrow Stile Concealed Vertical Rod Exit Device

Key features

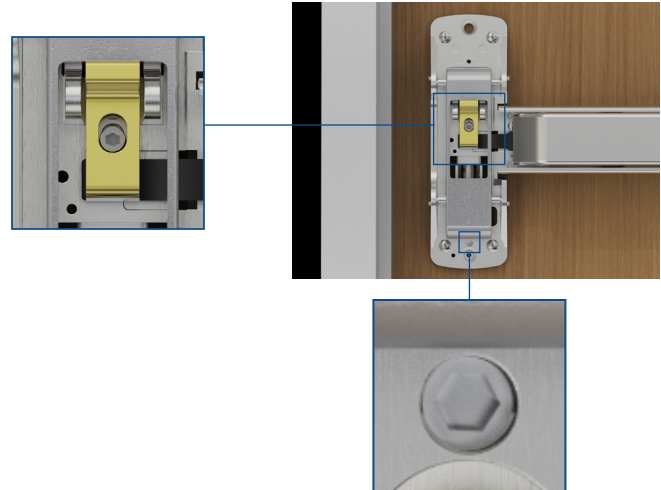
ELIMINATED CATCH POINTS

The design for the interaction of the pushbar and rail carrier is significant. Creating a flush profile increases safety by reducing catch points from bags/straps and increasing mobility for firehoses. The elimination of catch points also extends the life of the exit device with reduced maintenance and parts replacement.



CENTER CASE ADJUSTABILITY

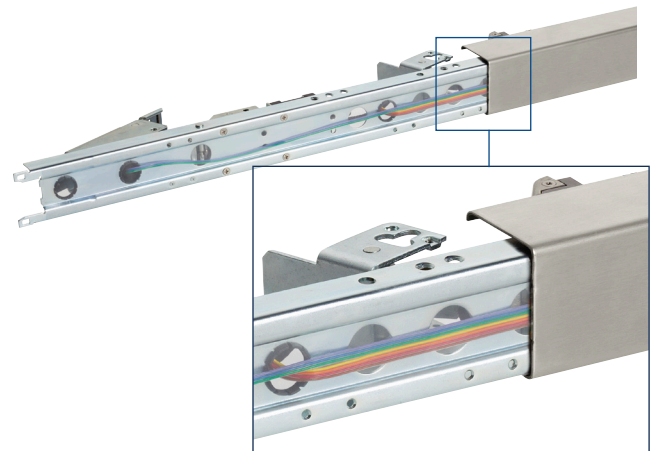
This feature eliminates the challenges and time needed to adjust latch engagement on vertical rod devices. The PE80 Series includes the capability to make adjustments up to 5/8" while the door is hung in place, using only an allen wrench.



WIRE ROUTING

Wires for all applicable electromechanical functions (73, 74, 75, 76), options (53-, 54-, 55-, 56-, 59-) and EcoFlex trim are contained within the carrier of the PE80 Series exit device, eliminating the need for cavities in doors to be drilled. A protective film is included so the wires don't get damaged if rail needs to be removed. This makes installation and upgrades easier and faster.

NOTE: Not available with access control products (IN Series, SN Series)



Key features

ECOFLEX® TECHNOLOGY



SARGENT EcoFlex trim reduces energy consumption, which lowers operating costs and reduces the number of power supplies required.

- Field configurable to fail-safe or fail-secure, and operates from 12-24VDC, offering greater flexibility in system design
- Superior reliability through higher performance and reduced maintenance
- Longer cable runs without negatively impacting lock function
- Reduced risk of voltage drops and eliminates inductive kickback
- Lowers the total cost of ownership



(Narrow Style ET Trim)



(Wide Style ET Trim)

SHELTER PE8867 FUNCTION

Fast and easy lockdown option that disables the trim by making it freewheel instead of retracting the latch. Allows for anyone to place the device into a lockdown mode during an emergency situation.

- Bright red button is easy to identify quickly and easy to push.
- Available with the 49- indicator option which provides clear indication of the shelter in place status.
- Perfect for providing increased safety to higher capacity educational, health care and office spaces.

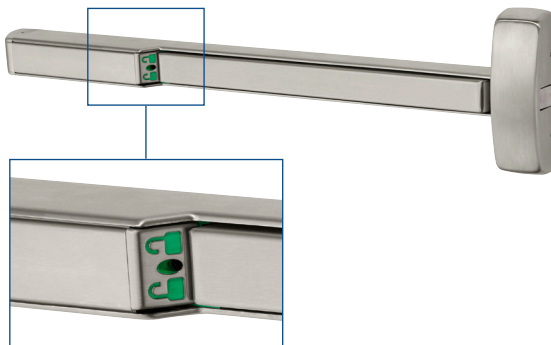


STATUS INDICATORS

The PE80 Series includes three status indicator options to provide peace of mind for occupant safety and security.

- The Active Dogging Indicator displayed in the rail for visual confirmation if the door is dogged.
- Our 18- Passive Dogging option with a subtle display on the side of the pushpad.
- As well as the 49- Trim Status Indicator option with a large display on the chassis cover for our Classroom Intruder functions.

18- Passive Dogging Indicator



Active Dogging Indicator



49- Trim Status Indicator



AESTHETICS

Complement the look of the entire opening with door closer covers for the 281 Series, specifically designed to match the exit device design.



Ratings and certifications

UL Fire Ratings

| Type | Exit Device | Door Material | Single Door | With 12-HC980 or 12-980 or 12-HCL980 Mullion | With 12-L980 Mullion | With 12-HD980 Mullion | VR/VR Doors Swing Same Direction | SVR/ Mortise Doors Swing Same Direction | CVR/ Mortise MD Doors Swing Same Direction | VR/VR Double Egress |
|-------------------------------|--------------|----------------|--------------------|--|----------------------|-----------------------|----------------------------------|---|--|---------------------|
| Rim - Narrow Stile | 12-PE8500 | Metal | 3 Hour 4' x 8' | 3 Hour 8' x 8' | 1.5 Hour 8' x 8' | 3 Hour 8' x 8' | - | - | - | - |
| Rim - Wide Stile | 12-PE8800 | Metal | 3 Hour 4' x 10' | 3 Hour 8' x 8' | 1.5 Hour 8' x 8' | 3 Hour 8' x 10' | - | - | - | - |
| Mortise - Narrow Stile | 12-PE8300 | Metal | 3 Hour 4' x 10' | - | - | - | - | - | 3 Hour 8' x 10' | - |
| Mortise - Wide Stile | 12-PE8900 | Metal | 3 Hour 4' x 10' | - | - | - | - | 3 Hour 8' x 8' | 3 Hour 8' x 10' | - |
| SVR - Wide Stile | 12-PE8700 | Metal | - | - | - | - | 3 Hour 8' x 8' | 3 Hour 8' x 8' | - | 3 Hour 8' x 8' |
| | 12-FM-PE8700 | Metal | 3 Hour 4' x 8' | - | - | - | 3 Hour 8' x 8' | - | - | - |
| | 12-NB-PE8700 | Metal | - | - | - | - | 3 Hour 8' x 10' | - | - | 3 Hour 8' x 10' |
| CVR - Narrow Stile | 12-MD-PE8400 | Metal | - | - | - | - | 3 Hour 8' x 10' | - | 3 Hour 8' x 10' | 3 Hour 8' x 10' |
| | 12-NB-PE8400 | Metal | - | - | - | - | 3 Hour 8' x 10' | - | - | 3 Hour 8' x 10' |
| CVR - Wide Stile | 12-MD-PE8600 | Metal | - | - | - | - | 3 Hour 8' x 10' | - | 3 Hour 8' x 10' | 3 Hour 8' x 10' |
| | 12-WD-PE8600 | Wood Composite | 1-1/2 Hour 4' x 9' | - | - | - | - | - | - | - |
| | 12-NB-PE8600 | Metal | - | - | - | - | 3 Hour 8' x 10' | - | - | 3 Hour 8' x 10' |

Any retrofit or other field modification to a fire-rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Note: please contact door manufacturer for specifications regarding fire door construction and current UL listing.

Ratings and Certifications

Windstorm, Tornado and Hurricane Ratings

WINDSTORM AND HURRICANE

| Model | | Configuration (Outswing Doors Only) | Max Size | Stiffness Class | Design Pressure (psf) | Impact (ft-lbs) | Latch Throw Min (in.) | Latch Strength Min (lbf) |
|---|---------------|--|----------|--------------------|-----------------------------|--------------------|-----------------------------|--------------------------------|
| HC-PE8800 12-HC-PE8800 | Rim | Single door | 4' x 8' | I | +/-70 | 350 | 3/4 | 1120 |
| HC-PE8800 12-HC-PE8800 | Rim | Door Pair | 8' x 8' | I | +/-70 | 350 | 3/4 | 1120 |
| WS-PE8800 WS-PE8800 WS-12-PE8800 WS-12-PE8800 WS-PE8900 WS-12-PE8900 | Rim | Single Door | 3' x 7' | I | +/-60 | 350 | 3/4 | 630 |
| MD-PE8600 HC-MD-PE8600 12-PE8600 MD-12-PE8600 HC-MD-12-PE8600 | CVR | Door Pair, two-point latching | 8' x 8' | I | +/-86 | 350 | 1/2 | 688 |
| HC-PE8700 | SVR | Single door | 4' x 8' | I | +/-65 | 350 | 3/4 | 520 |
| HC-PE8700 | SVR | Door Pair with (2) 988, 988-12, or 988-24 surface bolts engaged (inactive leaf) | 8' x 8' | I | +/-65 | 350 | 3/4 | 520 |
| HC-PE8700 | SVR | Door Pair | 8' x 8' | I | +/-65 | 350 | 3/4 | 520 |
| HC4-PE8700 | SVR | Single door | 4' x 8' | I | +/-150 | 350 | 3/4 | 1200 |
| HC4-PE8700 | SVR | Door Pair with (2) 988, 988-12, or 988-24 surface bolts engaged (inactive leaf) | 8' x 8' | I | +/-150 | 350 | 3/4 | 1200 |
| HC4-PE8700 | SVR | Door Pair | 8' x 8' | I | +/-150 | 350 | 3/4 | 1200 |
| HC980* 12-HC980* 12-HCL980* | Mullions | Door Pair | 8' x 8' | I | +/-70 | 350 | N/A | N/A |
| 12-L980 | Mullions | Door Pair | 8' x 7' | I | +/-70 | 350 | N/A | N/A |
| 988, 988-1, 988-2 | Surface Bolts | Door Pair | 8' x 8' | I | +/-150 | 350 | - | 1200 |

*For use with UL Classified HC-PE8800 and 12-HC-PE8800 rim exit devices.

TORNADO

| Model | | Configuration (Outswing Doors Only) | Max Size | Design Pressure | Missile Impact |
|---------------------------|-----|---|----------------|--------------------|---------------------|
| FM-PE8700 12-FM-PE8700 | SVR | Single Door | 3'0" x 6'8" | +/- 284 psf | 15lb 2'x4' @ 100mph |
| | | Single Door | > 3' 0" x 7'0" | +246 psf, -225 psf | 15lb 2'x4' @ 100mph |
| | | Double Door | 6'0" x 6'8" | +/- 284 psf | 15lb 2'x4' @ 100mph |
| | | Double Door | > 6'0" x 7'0" | +246 psf, -225 psf | 15lb 2'x4' @ 100mph |

Ratings and Certifications (cont.)

Windstorm Certifications

WINDSTORM CERTIFICATIONS: FLORIDA BUILDING CODES AND UL LISTINGS

Sargent Manufacturing's products meet building codes that require hurricane, windstorm and FEMA certifications, including some of the most stringent building codes as specified in the Florida Building Code, Miami Dade Code and the International Building Code. Listed below are certifications and standards met by the PE80 Series lock.

Any retrofit or other field modification to a fire-rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

FLORIDA BUILDING CODE: FL2998

UL CERTIFICATION DIRECTORY: ZHEM.R21744 – LATCHING HARDWARE

| | |
|------------------------------|--|
| ANSI/SDI-BHMA A250.13 | Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies. |
| ANSI/ASTM E330 | Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference. |
| ANSI/ASTM E1886 | Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials. |
| ASTM E1996 | Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes. |
| (TAS) 201 | Impact Test Procedures*. |
| (TAS) 202 | Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference. |
| (TAS) 203 | *Criteria for Testing Products Subject to Cyclic Wind Pressure Loading. |

* Published in the "Florida Building Code"

UL CERTIFICATION DIRECTORY: ZHLL.R21744 – PRODUCTS FOR USE IN WINDSTORM-RATED ASSEMBLIES (AVAILABLE ON FM-PE8700 SERIES ONLY)

Certifications to meet assembly requirements are done in conjunction with doors from ASSA ABLOY Group companies CECO DOOR and CURRIES.

| | |
|------------------------------------|---|
| FEMA Publication 361 (2021) | Design and Construction Guidance for Community Safe Rooms, investigated with respect to impact and pressure requirements only. |
| ICC 500 (2020) | ICC/NSSA Standard for the Design and Construction of Storm Shelters, investigated with respect to impact and pressure testing. Minimum missile impact speeds vary with the design wind speed desired for a particular product. The information below correlates design wind speed to the minimum missile speeds as discussed in Table 305.1.1 of ICC 500. |

PE8500 Narrow Stile
Rim Exit Device



SPECIFICATIONS

| | |
|--------------------|---|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Ferrous alloy |
| Door Type | Wood, metal, aluminum (consult factory for other door types) |
| Door Configuration | Single door or double door with mullion |
| Door Thickness | <ul style="list-style-type: none">1-3/4" minimum thickness.For doors over 1-3/4" to 5" thick, specify thickness and order as 31- (see page 100 for function limitation) |
| Stile | Narrow Trim - 2" minimum stile Wide Trim - 3" minimum stile |
| Rails | Stainless steel, brass or bronze |
| Rail Size | Standard - E, F, J, G (see page 73 for measurements) Custom sizes available |
| Projection | 2.88" |
| Latchbolt | Stainless steel, 3/4" throw |
| End Cap | <ul style="list-style-type: none">Flush end cap standardOverlapping end cap optional - Specify OL- |
| Device centerline | <ul style="list-style-type: none">39-5/8" for standard applications38" for elementary schools |
| Dogging Feature | <ul style="list-style-type: none">Hex key dogging standard on non fire-rated mechanical devicesSpecify 16- for cylinder dogging (#41 cylinder supplied)Specify LD for less dogging |
| Indicator | Specify 18- for passive dogging indicator |
| Strikes | <ul style="list-style-type: none">656 & 657 Strike - Standard649 Strike - Standard for fire-rated devices658 Strike - Standard with 650A mullionsOptional strikes: 613, 642 644, and 649604 Wear Plate - Optional |
| Mounting Fasteners | <ul style="list-style-type: none">Wood and machine screws providedAvailable with thrubolts (TB-) |
| Fire Ratings | See ratings and certifications table on page 7 |

HOW TO ORDER

| Options (Cylinder/Mechanical/ Electrical) | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Optional Strikes | Finish - Inside | Door Width |
|---|----------------|----------|--------------|------|---------------------|------|---------------------|--------------------|---------------|
| 56- | PE85 | 10 | F | NEL | 26D | RHR | 644 | 32D | 36 |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Device Type | Function | Rail Size | Finish | Door Width |
|---|----------------|----------|-----------|--------|---------------|
| 56- | PE85 | 10 | F | 32D | 36 |

PE8500 Narrow Stile

Rim Exit Device

FUNCTIONS Device only.

| Function | ANSI | Description | Device Only |
|----------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | PE8510 |

FUNCTIONS/TRIM For trim details, see page 74. For lever options, see pages 78-85.



(Narrow Stile
ET Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8504 x NEx | P704 NEx |
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8506 x NEx | P706-8 NEx |
| 10 | 02 | No outside operation (No Cylinder) Trim is used as Pull Only | PE8510 x NEx | P710 NEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8513 x NEx | P713-8 NEx |
| 15 | 14 | Passage only (no cylinder) | PE8515 x NEx | P715-8 NEx |
| 40 | 01 | No outside operation (no cylinder) | PE8540 x NEx | P740 NEx |
| 43 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8543 x NEx | P743-8 NEx |
| 44 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8544 x NEx | P744 NEx |
| 46 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8546 x NEx | P746-8 NEx |
| 73 | - | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | PE8573 x NEx | P773-8 NEx |
| 74 | - | Electrified lever trim - fail secure power off, locks lever (no cylinder) | PE8574 x NEx | P774-8 NEx |



(Wide Stile
ET Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8504 x WEx | P704 WEx |
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8506 x WEx | P706-8 WEx |
| 10 | 02 | No outside operation (No Cylinder) Trim is used as Pull Only | PE8510 x WEx | P710 WEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8513 x WEx | P713-8 WEx |
| 15 | 14 | Passage only (no cylinder) | PE8515 x WEx | P715-8 WEx |
| 40 | 01 | No outside operation (no cylinder) | PE8540 x WEx | P740 WEx |
| 43 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8543 x WEx | P743-8 WEx |
| 44 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8544 x WEx | P744 WEx |
| 46 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8546 x WEx | P746-8 WEx |
| 73 | - | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | PE8573 x WEx | P773-8 WEx |
| 74 | - | Electrified lever trim - fail secure power off, locks lever (no cylinder) | PE8574 x WEx | P774-8 WEx |



(862, 863, 864 Pull)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|---|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8504 x 86x | 86x |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8510 x 86x | |

Pulls are not available in 14, 15, 26 or 26D

*Must specify finish

PE8500 Narrow Stile

Rim Exit Device

OPTIONS

| | How to Specify | Detailed Description |
|--------------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware (not available with 16-, 18- & HK-) |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, 59-, AL-, HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| Door Type | 31- | Doors over 1-3/4" and/or panels (specify door thickness, panel thickness & location as required) |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| | TB- | Thrubolts (non-trim applications only) |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes - Available as special only) |
| Indicator | 18- | Passive dogging indicator |
| Latching | GL- | Guarded Latch |
| Luminescence | PL- | SARGuide® – photoluminescent coated push rail – (not available with 85 & 87 options) |
| Rail Force | 5CH- | 5lb. Pressure Release |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |
| Weather Resistant | WH- | Weep Holes |

ELECTRICAL OPTIONS

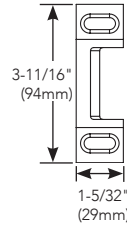
| | How to Specify | Detailed Description |
|---------------------------|----------------|--|
| Electrical Options | 53- | Latchbolt monitoring switch (not available with 59- & 5CH option) |
| | W53- | Weather Resistant Latchbolt monitoring switch (not available with 56-, VLR, 58-, 59- & AL) |
| | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | W54- | Weather Resistant Lever monitoring switch (not available with 56-, VLR, 58-, 59- & AL) |
| | 55- | Request to exit - signal switch in rail (not available with 59-option) |
| | W55- | Weather Resistant Request to exit - signal switch in rail (not available with 56-, VLR, 58-, 59- & AL) |
| | 55-ERM- | Double touchbar monitoring |
| | W55-ERM | Weather Resistant double touchpad monitoring switch (not available with 56-, 58-, 59- & AL) |
| | 56- | Remote latch retraction (not available 58-, 59-, AL, W53- W54- & W55-) |
| | 58- | Electric rail dogging (not available 56-, VLR, 59-, W53-, W54- and W55- options) |
| | 59- | Electroguard® self contained delayed egress device (not available with 16-, 53-, W53-, W54, 55-, W55-, 56-, VLR, 58-, AL-, GL- & 5CH options) |
| | AL- | Alarmed exit (not available 16-, 56-, VLR, 59-, W53, W54 and W55- options) |
| | HK- | Electrified exit device with manual hex key dogging (available with 56-, VLR, 58- option) |
| | VLR- | Latch Retraction Override (not available 58-, 59-AL, W53-, W54- & W55-) |
| | WH- | Weep Holes (not available with 56-, VLR, 58-, 59- & AL) |
| | WR- | Wire harness included when electrified trim is ordered separately (supplied standard with 59-) |

PE8500 Narrow Stile Rim Exit Device

STANDARD STRIKES

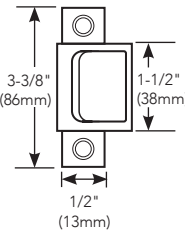
656 STRIKE

- Surface applied
- Required backset:
 - 2" - Aluminum mullions
 - 2-3/8" - Steel mullions
- Black nylon coated
- See template #MEDT74 for more details



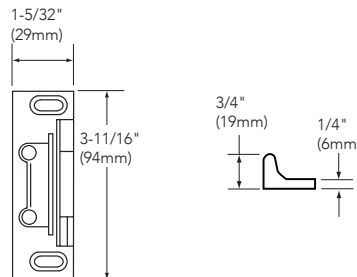
657 STRIKE

- Standard
- Surface applied or mortised
- For use on frames with blade stop or integral stop
- Black nylon coated
- See template #MEDT37 for more details



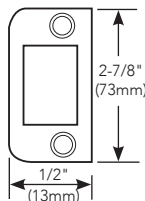
649 STRIKE

- Standard for fire-rated
- Surface applied
- Black nylon coated
- Required backset - 1-1/2"
- See template #MEDT38 (single door applications) for more details
- See template #MEDT39 (double door/mullion applications) for more details



658 STRIKE

- Standard with 650A mullion
- Can be ordered separately for surface application to frames
- Black nylon coated
- See template #MEDT77 for more details



650A Mullion



Door Frame

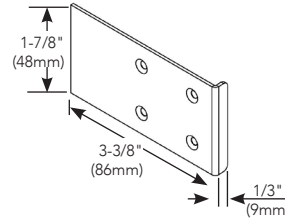
PE8500 Narrow Stile

Rim Exit Device

OPTIONAL STRIKES

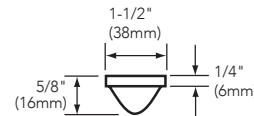
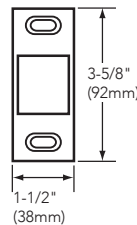
604 WEAR PLATE

- Used on aluminum doors
- Cut in field to accommodate all door frame face sizes
- Black nylon coated



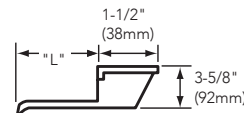
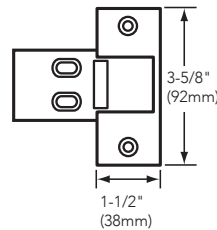
613 STRIKE

- Half mortised
- Black nylon coated
- See template #MEDT73 for more details



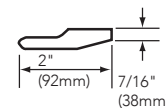
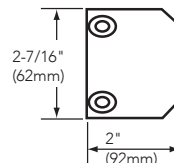
642 STRIKE

- Mortised
- Dimension "L" equals door thickness plus 1/2" (13mm)
- Black nylon coated
- See template #MEDT71 for more details



644 STRIKE

- Surface applied
- For use on pairs of doors without mullion
- Ductile Iron
- Black nylon coated
- See template #MEDT72 for more details



PE8800 Wide Stile
Rim Exit Device



SPECIFICATIONS

| | |
|--------------------|---|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy (non-fire rated devices) Ferrous alloy (fire-rated devices) |
| Door Type | Wood, metal, aluminum (Consult factory for other door type options) |
| Door Configuration | Single door or double door with mullion |
| Door Thickness | <ul style="list-style-type: none">1-3/4" minimum thickness.For doors over 1-3/4" to 5" thick, specify thickness and order as 31-. For function limitation see page 100. |
| Stile | 4-1/2" minimum - Narrow & Wide Trim |
| Rails | Stainless steel, brass or bronze |
| Rail Size | <ul style="list-style-type: none">Standard - E, F, J, G (see page 73 for measurements).Custom sizes available |
| Projection | 2.88" |
| Latchbolt | Stainless steel, 3/4" throw |
| End Cap | <ul style="list-style-type: none">Flush end cap standardOverlapping end cap optional - Specify OL- |
| Device Centerline | <ul style="list-style-type: none">39-5/8" for standard applications38" for elementary schools |
| Dogging Feature | <ul style="list-style-type: none">Hex key dogging standard on non fire-rated mechanical devicesSpecify 16- for cylinder dogging (#41 cylinder supplied).Specify LD for less dogging |
| Indicators | <ul style="list-style-type: none">Specify 18- for passive dogging indicatorSpecify 49- for trim status indicator |
| Strikes | <ul style="list-style-type: none">649 Strike - Standard658 Strike - Standard with 650A mullionsOptional strikes: 613, 642, 644 and 656 |
| Mounting Fasteners | <ul style="list-style-type: none">Wood and machine screws providedAvailable with thrubolts (TB-) |
| Fire Ratings | See ratings and certifications table on page 7 |
| Hurricane Ratings | See hurricane/windstorm ratings and certifications table on page 8 |

HOW TO ORDER

| Options (Cylinder/Mechanical/ Electrical) | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Optional Strikes | Finish - Inside | Door Width |
|---|----------------|----------|--------------|------|---------------------|------|---------------------|--------------------|---------------|
| 56- | PE88 | 10 | F | WEL | 26D | RHR | 644 | 32D | 36 |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Device Type | Function | Rail Size | Finish | Door Width |
|---|-------------|----------|-----------|--------|------------|
| 56- | PE88 | 10 | F | 32D | 36 |

PE8800 Wide Stile Rim Exit Device

FUNCTIONS Device only.

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|-------------|------------|
| 10 | 01 | No outside operation (No Cylinder) | PE8810 | P704 NEx |
| 88 | - | Multi-function device. Trim sold separately | PE8888 | P706-8 NEx |
| 93 | - | Decorative, static push bar. Outside trim ordered separately | PE8893 | P710 NEx |
| 95 | - | Active dummy rail. Outside trim ordered separately. | PE8895 | P713-8 NEx |

FUNCTIONS/TRIM For trim details, see page 74. For lever options, see pages 78-85.



(Narrow Stile
ET Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8804 x NEx | P704 NEx |
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8806 x NEx | P706-8 NEx |
| 10 | 02 | No outside operation (No Cylinder) Trim is used as Pull Only | PE8810 x NEx | P710 NEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8813 x NEx | P713-8 NEx |
| 15 | 14 | Passage only (no cylinder) | PE8815 x NEx | P715-8 NEx |
| 16 | 10 | Key Outside Retracts Latch; Key Inside Unlocks/Locks O/S Trim O/S #34 Cylinder & I/S #44 Cylinder Supplied Available with 49- Trim Status Indicator Option (see page 96) | PE8816 x NEx | P716 NEx |
| 40 | 01 | No outside operation (no cylinder); Freewheeling trim. | PE8840 x NEx | P740 NEx |
| 43 | 08 | Key outside unlocks/locks trim #41 cylinder supplied. Free-wheeling trim. | PE8843 x NEx | P743-8 NEx |
| 44 | 03 | Night latch-key retracts latch #34 cylinder supplied. Freewheeling trim. | PE8844 x NEx | P744 NEx |
| 46 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied. Freewheeling trim. | PE8846 x NEx | P746-8 NEx |
| 67 | - | Push Button locks latchbolt/key releases button and latchbolt | PE8867 x NEx | P767-8 NEx |
| 73 | - | Electrified trim - fail safe power off, unlocks lever (no cylinder) | PE8873 x NEx | P773-8 NEx |
| 74 | - | Electrified lever trim - fail secure power off, locks lever (no cylinder) | PE8874 x NEx | P774-8 NEx |
| 75 | - | Electrified lever trim - fail safe power off, unlocks lever, key retracts latch #34 cylinder supplied | PE8875 x NEx | P775-8 NEx |
| 76 | - | Electrified lever trim - fail secure power off, locks lever, key retracts latch #34 cylinder supplied | PE8876 x NEx | P776-8 NEx |



(Wide Stile
ET Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8804 x WEx | P704 WEx |
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8806 x WEx | P706-8 WEx |
| 10 | 02 | No outside operation (No Cylinder) Trim is used as Pull Only | PE8810 x WEx | P710 WEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8813 x WEx | P713-8 WEx |
| 15 | 14 | Passage only (no cylinder) | PE8815 x WEx | P715-8 WEx |
| 16 | 10 | Key Outside Retracts Latch; Key Inside Unlocks/Locks O/S Trim O/S #34 Cylinder & I/S #44 Cylinder Supplied Available with 49- Trim Status Indicator Option (see page 96) | PE8816 x WEx | P716 WEx |
| 40 | 01 | No outside operation (no cylinder) | PE8840 x WEx | P740 WEx |
| 43 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8843 x WEx | P743-8 WEx |
| 44 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8844 x WEx | P744 WEx |
| 46 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8846 x WEx | P746-8 WEx |
| 67 | - | Push Button locks latchbolt/key releases button and latchbolt | PE8867 x WEx | P767-8 WEx |
| 73 | - | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | PE8873 x WEx | P773-8 WEx |
| 74 | - | Electrified lever trim - fail secure power off, locks lever (no cylinder) | PE8874 x WEx | P774-8 WEx |
| 75 | - | Electrified lever trim - fail safe power off, unlocks lever, key retracts latch #34 cylinder supplied | PE8875 x WEx | P775-8 WEx |
| 76 | - | Electrified lever trim - fail secure power off, locks lever, key retracts latch #34 cylinder supplied | PE8876 x WEx | P776-8 WEx |

*Must specify finish

PE8800 Wide Stile

Rim Exit Device

TRIM For trim details see page 76.



(FLL/FSL Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8804 x FSL | 814-FSL |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8810 x FLL | 810-FLL |
| 28 | 15 | Passage only (no cylinder) | PE8828 x FLL | 828-FLL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8863 x FLL | 866-FLL |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks trim; O/S #34 & I/S #44 cylinder supplied Available with 49- Lock/Unlock Indicator Option (see page 96) | PE8866 x FLL | 866-FLL |



(FLW/FSW Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8804 x FSW | 814-FSW |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8810 x FLW | 810-FLW |
| 28 | 15 | Passage only (no cylinder) | PE8828 x FLW | 828-FLW |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8863 x FLW | 866-FLW |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks trim; O/S #34 & I/S #44 cylinder supplied Available with 49- Trim Status Indicator Option (see page 96) | PE8866 x FLW | 866-FLW |



(MAL/MSL Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8804 x MSL | 814-MSL |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8810 x MAL | 810-MAL |
| 28 | 15 | Passage only (no cylinder) | PE8828 x MAL | 828-MAL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8863 x MAL | 866-MAL |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks trim; O/S #34 & I/S #44 cylinder supplied Available with 49- Trim Status Indicator Option (see page 96) | PE8866 x MAL | 866-MAL |



(PTB/PSB Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|---|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8804 x PSB | 814-PSB |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8810 x PTB | 810-PTB |
| 28 | 15 | Passage only (no cylinder) | PE8828 x PTB | 828-PTB |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8863 x PTB | 866-PTB |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks trim; O/S #34 & I/S #44 cylinder supplied Available with 49- Trim Status Indicator (see page 96) | PE8866 x PTB | 866-PTB |

Notes:

- Images represent the design of the backplate. Thumbpieces and cylinders are added to select functions.
- FLW and FSW trims are not available in 32 or 32D.
- Thumb piece trims are not available in 14, 15, 26 or 26D, except FLW is available in 14 & 15.

*Must specify finish

PE8800 Wide Stile
Rim Exit Device

TRIM For trim details see page 76.



(STS Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8804 x STS | 814-STS |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8810 x STS | 810-STS |
| 28 | 15 | Passage only (no cylinder) | PE8828 x STS | 828-STS |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8863 x STS | 866-STS |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks thumbpiece on outside trim; Outside cylinder #34 & Inside cylinder #44 supplied Available with 49- Trim Status Indicator Option (see page 96) | PE8866 x STS | 866-STS |



(862, 863, 864 Pull)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8804 x 86x | 86x |
| 10 | 02 | No outside operation (no cylinder) | PE8810 x 86x | 86x |

Note:
Pulls and thumb piece trims are not available in 14, 15, 26 or 26D.

ANTI-VANDAL TRIM For Anti-Vandal trim details see page 77.



Anti Vandal Trim
(821, 826)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|---|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #34 cylinder supplied | PE8804 x 826 | 826 |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8810 x 821 | 821 |

*Must specify finish

PE8800 Wide Stile

Rim Exit Device

MECHANICAL OPTIONS

| | How to Specify | Detailed Description |
|-------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware (not available with 16-, 18- & HK- options) |
| | HC- | Hurricane rated |
| | WS- | Windstorm rated |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, 59-, AL-, HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| Door Type | 31- | Doors over 1-3/4" and/or panels (specify door thickness, panel thickness & location as required) |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| | TB- | Thrubolts |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes - available as special only) |
| Indicators | 18- | Passive dogging indicator |
| | 49- | Trim Status Indicator (available on PE8816, PE8866 and PE8867 functions only) |
| Latching | GL- | Guarded Latch |
| Luminescence | PL- | SARGuide® photoluminescent push rail – (not available with 85 & 87 options) |
| Rail Force | 5CH- | 5lb. Pressure Release |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |
| Weather Resistant | WH- | Weep Holes |

ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------|----------------|---|
| Electrical Options | 53- | Latchbolt monitoring switch (not available with 59- option) |
| | W53- | Weather Resistant Latchbolt monitoring switch (not available with 56-, VLR, 58-, 59- & AL) |
| | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | W54- | Weather Resistant Lever monitoring switch (not available with 56-, VLR, 58-, 59- & AL) |
| | 55- | Request to exit - signal switch in rail (not available with 59-option) |
| | W55- | Weather Resistant Request to exit - signal switch in rail (not available with 56-, VLR, 58-, 59- & AL) |
| | 55-ERM- | Double touchbar monitoring |
| | W55-ERM | Weather Resistant double touchpad monitoring switch (not available with 56-, VLR, 58-, 59- & AL) |
| | 56- | Remote latch retraction (not available 58-, 59-, AL, W53- W54- & W55-) |
| | 58- | Electric rail dogging (not available 56-, VLR, 59-, W53-, W54- and W55- options) |
| | 59- | Electroguard® self contained delayed egress device (not available with 16-, 53-, W53-, W54, 55-, W55-, 56-, VLR, 58-, AL- & GL- options) |
| | AL- | Alarmed exit (not available 16-, 56-, VLR, 59-, W53, W54 and W55- options) |
| | HK- | Electrified exit device with manual hex key dogging (available with 56-, VLR, 58- option) |
| | VLR- | Latch Retraction Override (not available 58-, 59-AL, W53-, W54- & W55-) |
| | WH- | Weep Holes (not available with 56-, VLR, 58-, 59- & AL) |
| | WR- | Wire harness included when electrified trim is ordered separately (supplied standard with 59-) |

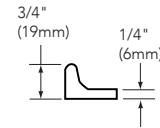
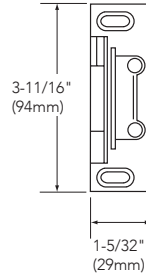
PE8800 Wide Stile

Rim Exit Device

STANDARD STRIKES

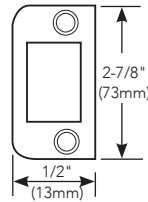
649 STRIKE

- Standard
- Surface applied
- Black nylon coated
- Required backset - 1-1/2"
- See template #MEDI38 (single door applications) for more details
- See template #MEDI39 (double door/mullion applications) for more details



658 STRIKE

- Standard with 650A mullion
- Can be ordered separately for surface application to frames
- Black nylon coated
- See template #MEDI77 for more details



650A Mullion



Door Frame

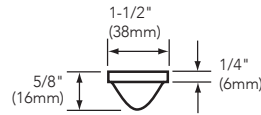
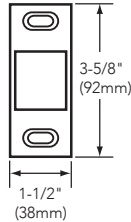
PE8800 Wide Stile

Rim Exit Device

OPTIONAL STRIKES

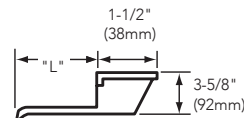
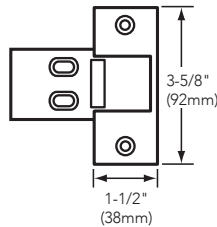
613 STRIKE

- Half mortised
- Black nylon coated
- See template #MEDT73 for more details



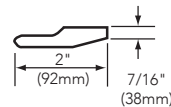
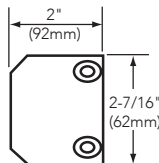
642 STRIKE

- Mortised
- Dimension "L" equals door thickness plus 1/2" (13mm)
- Black nylon coated
- See template #MEDT71 for more details



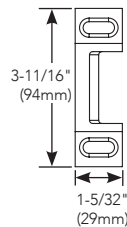
644 STRIKE

- Surface applied
- For use on pairs of doors without mullion
- Ductile Iron
- Black nylon coated
- See template #MEDT72 for more details



656 STRIKE

- Surface applied
- Required backset:
 - 2" - Aluminum mullions
 - 2-3/8" - Steel mullions
- Black nylon coated
- See template #MEDT74 for more details



PE8300 Narrow Stile
Mortise Lock Exit Device



SPECIFICATIONS

| | |
|--------------------|---|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy |
| Door Type | Wood, metal, aluminum (Consult factory for other door type options) |
| Door Configuration | Single doors or double doors with Mortise/SVR configuration |
| Door Thickness | <ul style="list-style-type: none">1-3/4" minimum thickness.For doors over 1-3/4" to 2-1/4" thick, specify thickness and order as 31- |
| Stile | 4-1/2" minimum - narrow & wide trim |
| Rails | Stainless steel, brass or bronze |
| Rail Size | <ul style="list-style-type: none">Standard - E, F, J, G (see page 73 for measurements).Custom sizes available |
| Projection | 2.88" |
| Latchbolt | Brass nickel plated, 3/4" throw, anti-friction |
| Guarded Deadlatch | Provided as standard feature |
| End Cap | <ul style="list-style-type: none">Flush end cap standardOverlapping end cap optional - Specify OL- |
| Device Centerline | <ul style="list-style-type: none">39-5/8" for standard applications38" for elementary schools |
| Dogging Feature | <ul style="list-style-type: none">Hex key dogging standard on non fire-rated mechanical devicesSpecify 16- for cylinder dogging (#41 cylinder supplied).Specify LD for less doggingSpecify 18- for dogging indicator |
| Indicator | Specify 18- for passive dogging indicator |
| Strikes | <ul style="list-style-type: none">C908 black nylon coatedOptional strikes: 815 Open Back Strike or 908 Flat Lipped Strike |
| Mounting Fasteners | <ul style="list-style-type: none">Wood and machine screws providedAvailable with thrubolts (TB-) |
| Fire Ratings | See ratings and certifications table on page 7 |

HOW TO ORDER

| Options (Cylinder/Mechanical/ Electrical) | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Optional Strikes | Finish - Inside | Door Width |
|---|----------------|----------|--------------|------|---------------------|------|---------------------|--------------------|---------------|
| 56- | PE83 | 10 | F | NEL | 15 | RHR | 908 | 32D | 36 |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Device Type | Function | Rail Size | Finish | Door Width |
|---|-------------|----------|-----------|--------|------------|
| 56- | PE83 | 10 | F | 32D | 36 |

PE8300 Narrow Stile

Mortise Lock Exit Device

FUNCTIONS Device only.

| Function | ANSI | Description | Device Only |
|----------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | PE8310 |

FUNCTIONS/TRIM Trim (For trim details, see page 74. For lever options, see pages 78-85.)



(Narrow Stile
ET Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8304 x NEx | P704 NEx |
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8306 x NEx | P706 NEx |
| 10 | 02 | No outside operation (No Cylinder) Trim is used as Pull Only | PE8310 x NEx | P710 NEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8313 x NEx | P713 NEx |
| 15 | 14 | Passage only (no cylinder) | PE8315 x NEx | P715 NEx |
| 40 | 01 | No outside operation (no cylinder) | PE8340 x NEx | P740 NEx |
| 43 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8343 x NEx | P743 NEx |
| 44 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8344 x NEx | P744 NEx |
| 46 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied. Freewheeling trim. | PE8346 x NEx | P746 NEx |
| 73 | - | Electrified trim - fail safe power off, unlocks lever (no cylinder) | PE8373 x NEx | P773 NEx |
| 74 | - | Electrified trim - fail secure power off, locks lever (no cylinder) | PE8374 x NEx | P774 NEx |
| 75 | - | Electrified trim - fail safe power off, unlocks lever, key retracts latch #46 cylinder supplied | PE8375 x NEx | P775 NEx |
| 76 | - | Electrified trim - fail secure power off, locks lever, key retracts latch #46 cylinder supplied | PE8376 x NEx | P776 NEx |



(Wide Stile
ET Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8304 x WEx | P704 WEx |
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8306 x WEx | P706 WEx |
| 10 | 02 | No outside operation (No Cylinder) Trim is used as Pull Only | PE8310 x WEx | P710 WEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8313 x WEx | P713 WEx |
| 15 | 14 | Passage only (no cylinder) | PE8315 x WEx | P715 WEx |
| 16 | 10 | Key Outside Retracts Latch; Key Inside Unlocks/Locks O/S Trim O/S #34 Cylinder & I/S #44 Cylinder Supplied | PE8316 x WEx | P716 WEx |
| 40 | 01 | No outside operation (no cylinder) | PE8340 x WEx | P740 WEx |
| 43 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8343 x WEx | P743 WEx |
| 44 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8344 x WEx | P744 WEx |
| 46 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8346 x WEx | P746 WEx |
| 73 | - | Electrified trim - fail safe power off, unlocks lever (no cylinder) | PE8373 x WEx | P773 WEx |
| 74 | - | Electrified trim - fail secure power off, locks lever (no cylinder) | PE8374 x WEx | P774 WEx |
| 75 | - | Electrified trim - fail safe power off, unlocks lever, key retracts latch #46 cylinder supplied | PE8375 x WEx | P775 WEx |
| 76 | - | Electrified trim - fail secure power off, locks lever, key retracts latch #46 cylinder supplied | PE8376 x WEx | P776 WEx |

*Must specify finish

PE8300 Narrow Stile
Mortise Lock Exit Device

TRIM For trim details see page 76.



(FLL/FSL Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8304 x FLL | 814-FLL |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8310 x FLL | 810-FLL |
| 28 | 15 | Passage only (no cylinder) | PE8328 x FLL | 828-FLL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #41 cylinder supplied | PE8363 x FLL | 866-FLL |



(FLW/FSW Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8304 x FLW | 814-FLW |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8310 x FLW | 810-FLW |
| 28 | 15 | Passage only (no cylinder) | PE8328 x FLW | 828-FLW |
| 63 | 05 | Key outside unlocks/locks thumbpiece #41 cylinder supplied | PE8363 x FLW | 866-FLW |



(MAL/MSL Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8304 x MAL | 814-MAL |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8310 x MAL | 810-MAL |
| 28 | 15 | Passage only (no cylinder) | PE8328 x MAL | 828-MAL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #41 cylinder supplied | PE8363 x MAL | 866-MAL |



(PTB/PSB Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8304 x PTB | 814-PTB |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8310 x PTB | 810-PTB |
| 28 | 15 | Passage only (no cylinder) | PE8328 x PTB | 828-PTB |
| 63 | 05 | Key outside unlocks/locks thumbpiece #41 cylinder supplied | PE8363 x PTB | 866-PTB |



(STS Pull Trim)

| Function | ANSI | Description | With Device | Trim Only* |
|----------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8304 x STS | 814-STS |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8310 x STS | 810-STS |
| 28 | 15 | Passage only (no cylinder) | PE8328 x STS | 828-STS |
| 63 | 05 | Key outside unlocks/locks thumbpiece #41 cylinder supplied | PE8363 x STS | 866-STS |

- Notes:
- Images represent the design of the backplate. Thumbpieces and cylinders are added to select functions.
 - FLW trim is not available in 32 or 32D.
 - Thumbpiece trims are not available in 14, 15, 26 or 26D, except FLW is available in 14 & 15.

*Must specify finish

PE8300 Narrow Stile

Mortise Lock Exit Device

MECHANICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware (not available with 16- & HK- options) |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, 59-, AL-, HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| Door Type | 31- | Doors over 1-3/4" and/or panels (specify door thickness, panel thickness & location as required) |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes - available as special only) |
| Indicators | 18- | Passive dogging indicator |
| Luminescence | PL- | SARGuide® Photoluminescent push rail – (not available with 85 & 87 options) |
| Strike | 23- | 4-7/8" (124mm) ANSI flat lip strike (908 Strike) |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |

ELECTRICAL OPTIONS

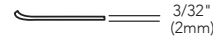
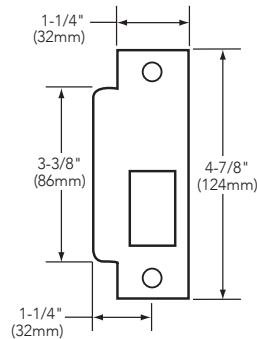
| | How to Specify | Detailed Description |
|---------------------------|----------------|---|
| Electrical Options | 53- | Latchbolt monitoring switch (not available with 59- option) |
| | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | 55- | Request to exit - signal switch in rail (not available with 59- option) |
| | 55-ERM- | Double touchbar monitoring |
| | 56- | Remote latch retraction (not available 58-, 59-, AL- options) |
| | 58- | Electric rail dogging (not available 56-, VLR & 59- options) |
| | 59- | Electroguard® self contained delayed egress device (not available with 16-, 53-, 55-, 56-, VLR, 58-, AL-, GL-, & HK- options) |
| | AL- | Alarmed exit (not available 16-, 56-, VLR, 59-, 59- & GL- options) |
| | HK- | Electrified exit device with manual hex key dogging (also available with 56-, VLR & 58- options) |
| | VLR- | Latch Retraction Override (not available 58-, 59-AL, W53-, W54- & W55-) |
| | WR- | Wire harness included when electrified trim is ordered separately (supplied standard with 59-) |

PE8300 Narrow Stile Mortise Lock Exit Device

STANDARD STRIKES

C908 STRIKE

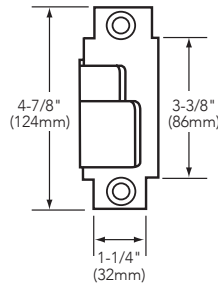
- Curved lip ANSI A-115.1
- Supplied standard
- Handed. 1-1/4" (32mm) lip standard.
- Longer lips in increments of 1/4" (6mm) through 2-7/8" (73mm) available
- Black nylon coated
- See template #MEDI50 for more details



OPTIONAL STRIKES

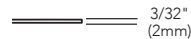
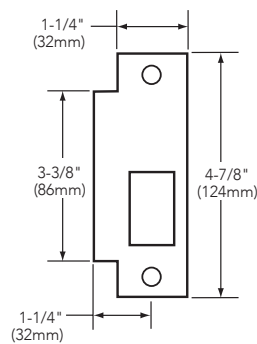
815 OPEN BACK STRIKE

- ANSI A-115.14 Open Back
- Beveled 1/8" (3mm) in 2" (51mm)
- Specify hand of active door
- "B" label fire rating
- Black nylon coat
- See template #MEDI49 for more details



908 STRIKE (23-)

- Flat lipped
- Handed. 1-1/4" (32mm) lip standard
- Longer lips in increments of 1/4" (6mm) through 2-7/8" (73mm) available
- Black nylon coated
- See template #MEDI50 for more details



PE8900 Wide Stile

Mortise Lock Exit Device



SPECIFICATIONS

| | |
|--------------------|---|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy |
| Door Type | Wood, metal, aluminum (Consult factory for other door type options) |
| Door Configuration | Single doors or double doors with Mortise/SVR configuration |
| Door Thickness | <ul style="list-style-type: none">1-3/4" minimum thickness.For doors over 1-3/4" to 2-1/4" thick, specify thickness and order as 31- |
| Stile | 4-1/2" minimum - narrow & wide trim |
| Rails | Stainless steel, brass or bronze |
| Rail Size | <ul style="list-style-type: none">Standard - E, F, J, G (see page 73 for measurements)Custom sizes available |
| Projection | 2.88" |
| Latchbolt | Brass Nickel Plated, 3/4" throw, anti-friction |
| Guarded Deadlatch | Provided as standard feature |
| End Cap | <ul style="list-style-type: none">Flush end cap standardOverlapping end cap optional - Specify OL- |
| Device Centerline | <ul style="list-style-type: none">39-5/8" for standard applications38" for elementary schools |
| Dogging Feature | <ul style="list-style-type: none">Hex key dogging standard on non fire-rated devicesSpecify 16- for cylinder dogging (#41 cylinder supplied)Specify LD for less dogging |
| Indicator | Specify 18- for passive dogging indicator |
| Strikes | <ul style="list-style-type: none">C908 Black Nylon CoatedOptional Strikes: 815 Open Back Strike or 908 Flat Lipped Strike |
| Mounting Fasteners | <ul style="list-style-type: none">Wood and machine screws providedAvailable with thrubolts (TB-) |
| Fire Ratings | See ratings and certifications table on page 7 |

HOW TO ORDER

| Options (Cylinder/Mechanical/ Electrical) | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Optional Strikes | Finish - Inside | Door Width |
|---|----------------|----------|--------------|------|---------------------|------|---------------------|--------------------|---------------|
| 56- | PE89 | 10 | F | WEL | 26D | RHR | 908 | 32D | 36 |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Device Type | Function | Rail Size | Finish | Door Width |
|---|-------------|----------|-----------|--------|------------|
| 56- | PE89 | 10 | F | 32D | 36 |

PE8900 Wide Stile Mortise Lock Exit Device

FUNCTIONS Device only.

| SARGENT | ANSI | Description | Device Only |
|---------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | PE8910 |

FUNCTIONS/TRIM For trim details, see page 74. For lever options, see pages 78-85



(Narrow Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8904 x NEx | P704 NEx |
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8906 x NEx | P706 NEx |
| 10 | 02 | No outside operation (No Cylinder) Trim is used as Pull Only | PE8910 x NEx | P710 NEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8913 x NEx | P713 NEx |
| 15 | 14 | Passage only (no cylinder) | PE8915 x NEx | P715 NEx |
| 16 | 10 | Key outside retracts latch; key inside unlocks/locks o/s trim o/s #34 cylinder & i/s #44 cylinder supplied | PE8916 X NEx | P716 NEx |
| 40 | 01 | No outside operation (no cylinder) | PE8940 x NEx | P740 NEx |
| 43 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8943 x NEx | P743 NEx |
| 44 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8944 x NEx | P744 NEx |
| 46 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8946 x NEx | P746 NEx |
| 73 | - | Electrified trim - fail safe power off, unlocks lever (no cylinder) | PE8973 x NEx | P773 NEx |
| 74 | - | Electrified trim - fail secure power off, locks lever (no cylinder) | PE8974 x NEx | P774 NEx |
| 75 | - | Electrified trim - fail safe power off, unlocks lever (#46 cylinder supplied) | PE8975 x NEx | P775 NEx |
| 76 | - | Electrified trim - fail secure power off, locks lever (#46 cylinder supplied) | PE8976 x NEx | P776 NEx |



(Wide Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8904 x WEx | P704 WEx |
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8906 x WEx | P706 WEx |
| 10 | 01 | No outside operation (no cylinder) Trim is used as Pull Only | PE8910 x WEx | P710 WEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8913 x WEx | P713 WEx |
| 15 | 14 | Passage only (no cylinder) | PE8915 x WEx | P715 WEx |
| 16 | 10 | Key outside retracts latch; key inside unlocks/locks o/s trim o/s #34 cylinder & i/s #44 cylinder supplied | PE8916 X WEx | P716 WEx |
| 40 | 01 | No outside operation (no cylinder) | PE8940 x WEx | P740 WEx |
| 43 | 08 | Key outside unlocks/locks trim #41 cylinder supplied; Freewheeling trim. | PE8943 x WEx | P743 WEx |
| 44 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8944 x WEx | P744 WEx |
| 46 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8946 x WEx | P746 WEx |
| 73 | - | Electrified trim - fail safe power off, unlocks lever (no cylinder) | PE8973 x WEx | P773 WEx |
| 74 | - | Electrified trim - fail secure power off, locks lever (no cylinder) | PE8974 x WEx | P774 WEx |
| 75 | - | Electrified trim - fail safe power off, unlocks lever (#46 cylinder supplied) | PE8975 x WEx | P775 WEx |
| 76 | - | Electrified trim - fail secure power off, locks lever (#46 cylinder supplied) | PE8976 x WEx | P776 WEx |

ANTI-VANDAL TRIM For Anti-Vandal trim details see page 77.



Anti Vandal Trim
(824, 827)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8904 x 824 | 824 |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8910 x 827 | 827 |

*Must specify finish

PE8900 Wide Stile

Mortise Lock Exit Device

TRIM For trim details, see page 76.



(FLL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8904 x FLL | 814-FLL |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8910 x FLL | 810-FLL |
| 28 | 15 | Passage only (no cylinder) | PE8928 x FLL | 828-FLL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8963 x FLL | 866-FLL |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks trim; O/S #34 & I/S #44 cylinder supplied | PE8966 x FLL | 866-FLL |



(FLW Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8904 x FLW | 814-FLW |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8910 x FLW | 810-FLW |
| 28 | 15 | Passage only (no cylinder) | PE8928 x FLW | 828-FLW |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8963 x FLW | 866-FLW |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks trim; O/S #34 & I/S #44 cylinder supplied | PE8966 x FLW | 866-FLW |



(MAL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8904 x MAL | 814-MAL |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8910 x MAL | 810-MAL |
| 28 | 15 | Passage only (no cylinder) | PE8928 x MAL | 828-MAL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8963 x MAL | 866-MAL |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks trim; O/S #34 & I/S #44 cylinder supplied | PE8966 x MAL | 866-MAL |



(PTB Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8904 x PTB | 814-PTB |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8910 x PTB | 810-PTB |
| 28 | 15 | Passage only (no cylinder) | PE8928 x PTB | 828-PTB |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8963 x PTB | 866-PTB |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks trim; O/S #34 & I/S #44 cylinder supplied | PE8966 x PTB | 866-PTB |



(STS Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 04 | 03 | Night latch-key retracts latch #46 cylinder supplied | PE8904 x STS | 814-STS |
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8910 x STS | 810-STS |
| 28 | 15 | Passage only (no cylinder) | PE8928 x STS | 828-STS |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8963 x STS | 866-STS |
| 66 | 07 | Key outside retracts latch; key inside unlocks/locks trim; O/S #34 & I/S #44 cylinder supplied | PE8966 x STS | 866-STS |

Notes:

- Images represent the design of the backplate. Thumbpieces and cylinders are added to select functions.
- Thumbpiece trims are not available in 14, 15, 26 or 26D, except FLW is available in 14 & 15.
- FLW trim is not available in 32 or 32D.

*Must specify finish

PE8900 Wide Stile
Mortise Lock Exit Device

MECHANICAL OPTIONS

| | How to Specify | Detailed Description |
|-------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware (not available with 16- & HK- options) |
| | WS | Windstorm rated |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, 59-, AL-, HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| Door Type | 31- | Doors over 1-3/4" and/or panels (specify door thickness, panel thickness & location as required) |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes - Available as special only) |
| Indicator | 18- | Passive dogging indicator |
| Luminescence | PL- | SARGuide® Photoluminescent push rail – (not available with 85 & 87 options) |
| Rail Force | 5CH- | 5lb. Pressure Release |
| Strike | 23- | 4-7/8" (124mm) ANSI flat lip strike (908 Strike) |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |

ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------|----------------|--|
| Electrical Options | 53- | Latchbolt monitoring switch (not available with 59-, WS- options) |
| | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | 55- | Request to exit - signal switch in rail (not available with 59- option) |
| | 55-ERM- | Double touchbar monitoring |
| | 56- | Remote latch retraction (not available 58-, 59-, AL- options) |
| | 58- | Electric rail dogging (not available 56-, VLR & 59- options) |
| | 59- | Electroguard® self contained delayed egress device (not available with 16-, 53-, 55-, 56-, VLR, 58-, AL-, HK- & WS- options) |
| | AL- | Alarmed exit (Not available 16-, 56-, VLR, 59-, WS- options) |
| | HK- | Electrified exit device with manual hex key dogging (also available with 56-, VLR option) |
| | VLR- | Latch Retraction Override (not available 58-, 59-AL, W53-, W54- & W55-) |
| | WR- | Wire harness included when electrified trim is ordered separately (supplied standard with 59-) |

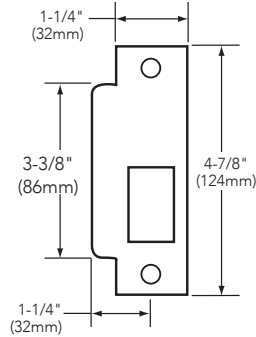
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PE8900 Wide Stile Mortise Lock Exit Device

STANDARD STRIKES

C908 STRIKE

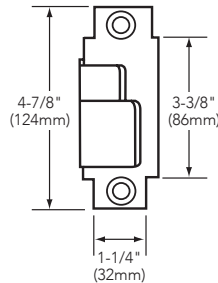
- Curved lip ANSI A-115.1
- Supplied standard
- Handed. 1-1/4" (32mm) lip standard
- Longer lips in increments of 1/4" (6mm) through 2-7/8" (73mm) available
- Black nylon coated
- See template #MEDT50 for more details



OPTIONAL STRIKES

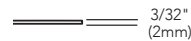
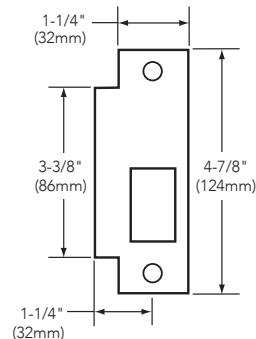
815 OPEN BACK STRIKE

- ANSI A-115.14 Open Back
- Beveled 1/8" (3mm) in 2" (51mm)
- Specify hand of active door
- Black nylon coat
- See template #MEDT49 for more details



908 STRIKE (23-)

- Flat lipped
- Handed. 1-1/4" (32mm) lip standard
- Longer lips in increments of 1/4" (6mm) through 2-7/8" (73mm) available
- Black nylon coated
- See template #MEDT50 for more details



PE8900 Wide Stile
Mortise Lock Exit Device



SPECIFICATIONS

| | |
|---------------------|---|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy |
| Door Type | Metal and wood doors |
| Door Configuration | Single or double doors |
| Door/Opening Height | Must be specified <ul style="list-style-type: none">120" maximum door opening for nonfire-rated doors96" maximum door opening for fire rated doors |
| Door Thickness | <ul style="list-style-type: none">1-3/4" minimum thickness.For doors over 1-3/4" to 5" thick, specify thickness and order as 31- (see page 100 for function limitation) |
| Stile | <ul style="list-style-type: none">4-1/2" minimum - narrow & wide trim3-1/2" minimum - without trim |
| Rails | Stainless steel, brass or bronze |
| Rail Size | <ul style="list-style-type: none">Standard - E, F, J, G (see page 73 for measurements)Custom sizes available |
| Projection | 2.88" |
| End Cap | <ul style="list-style-type: none">Flush end cap standardOverlapping end cap optional - Specify OL- |
| Latching | <ul style="list-style-type: none">Panic rated devices - pullman latchFire rated devices: Top latch - pullman, Bottom latch - dropdownAvailable as Top latch only (NB-) - see page 38 |
| Rods | <ul style="list-style-type: none">1/2" brass, bronze or stainless steelAdjusted at center case |
| Device Centerline | <ul style="list-style-type: none">39-5/8" for standard applications38" for elementary schools |
| Dogging Feature | <ul style="list-style-type: none">Hex key dogging standard on non fire-rated devices (excludes electrified exit devices)Specify 16- for cylinder dogging (#41 cylinder supplied)Specify LD for less dogging |
| Indicator | Specify 18- for passive dogging indicator |
| Strikes | <ul style="list-style-type: none">646 Top Strike (Panic and Fire-rated)624 Bottom Strike; 655 Fire-rated Bottom Strike |
| Mounting Fasteners | <ul style="list-style-type: none">Wood and machine screws providedAvailable with thrubolts (TB-) |
| Fire Ratings | See ratings and certifications table on page 7 |

HOW TO ORDER

| Options (Cylinder/Mechanical/ Electrical) | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Optional Strikes | Finish - Inside | Door Width | Opening Height | AFF |
|---|----------------|----------|--------------|------|---------------------|------|---------------------|--------------------|---------------|-------------------|---------|
| 56- | PE87 | 10 | F | WEL | 15 | RHR | 655 | 32D | 36 | Specify | Specify |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Device Type | Function | Rail Size | Finish | Door Width |
|---|-------------|----------|-----------|--------|------------|
| 56- | PE87 | 10 | F | 32D | 36 |

PE8700 Wide Stile

Surface Vertical Rod Exit Device

FUNCTIONS Device only,

| SARGENT | ANSI | Description | Device Only |
|---------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | PE8710 |

FUNCTIONS/TRIM For trim details, see page 74. For lever options, see pages 78-85.



(Narrow Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8704 x NEx | P706 NEx |
| 10 | 02 | No outside operation (no cylinder); Trim is used as pull only | PE8710 x NEx | P710 NEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8713 x NEx | P713 NEx |
| 15 | 14 | Passage only (no cylinder) | PE8715 x NEx | P715 NEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | PE8740 x NEx | P740 NEx |
| 43 | 08 | Freewheeling trim - key outside unlocks/locks trim #41 cylinder supplied | PE8743 x NEx | P743 NEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | PE8746 x NEx | P746 NEx |
| 73* | – | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | PE8773 x NEx | P773 NEx |
| 74* | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | PE8774 x NEx | P774 NEx |



(Wide Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8704 x WEx | P706 WEx |
| 10 | 02 | No outside operation (no cylinder); Trim is used as pull only | PE8710 x WEx | P710 WEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | PE8713 x WEx | P713 WEx |
| 15 | 14 | Passage only (no cylinder) | PE8715 x WEx | P715 WEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | PE8740 x WEx | P740 WEx |
| 43 | 08 | Freewheeling trim - key outside unlocks/locks trim #41 cylinder supplied | PE8743 x WEx | P743 WEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | PE8746 x WEx | P746 WEx |
| 73 | – | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | PE8773 x WEx | P773 WEx |
| 74 | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | PE8774 x WEx | P774 WEx |

*Must specify finish

PE8700 Wide Stile
Surface Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL For trim details see page 75-76.



(Auxiliary Control)



(Inside Rod Actuator)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|----------------|------------|
| 06 | 12 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | PE8710 x P306 | P306 |
| 13 | 11 | Key outside unlocks/locks trim #41 cylinder supplied | PE8710 x P313 | P313 |
| 73* | – | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | PE8773 x P306* | P306* |
| 74* | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | PE8774 x P306* | P306* |

*Also available with P313

* Must specify finish

*See auxiliary lock control section for more details



(862, 863, 864 Pull)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|------------------------------------|--------------|------------|
| 10 | 02 | No outside operation (no cylinder) | PE8710 x 86x | 86x |

Pulls are not available in 14, 15, 26 or 26D

* Must specify finish

ANTI-VANDAL TRIM For Anti-Vandal trim details see page 77.



Anti Vandal Trim (826)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x 821 | 821 |

* Must specify finish

PE8700 Wide Stile

Surface Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL For trim details see page 75.



(FLL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x FLL | 810-FLL |
| 28 | 15 | Passage only (no cylinder) | PE8728 x FLL | 828-FLL |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x FLL | 866-FLL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x FLL | 866-FLL |



(FLW Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x FLW | 810-FLW |
| 28 | 15 | Passage only (no cylinder) | PE8728 x FLW | 828-FLW |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x FLW | 866-FLW |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x FLW | 866-FLW |



(MAL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x MAL | 810-MAL |
| 28 | 15 | Passage only (no cylinder) | PE8728 x MAL | 828-MAL |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x MAL | 866-MAL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x MAL | 866-MAL |



(PTB Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x PTB | 810-PTB |
| 28 | 15 | Passage only (no cylinder) | PE8728 x PTB | 866-PTB |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x PTB | 866-PTB |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x PTB | 866-PTB |



(STS Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x STS | 810-STS |
| 28 | 15 | Passage only (no cylinder) | PE8728 x STS | 828-STS |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x STS | 866-STS |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x STS | 866-STS |

Notes:

- Images represent the design of the backplate. Thumbpieces and cylinders are added to select functions.
- FLW trim is not available in 32 or 32D.
- Thumbpiece trims are not available in 14, 15, 26 or 26D, except FLW is available in 14 & 15.

*Must specify finish

PE8700 Wide Stile

Surface Vertical Rod Exit Device

MECHANICAL & ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware (not available with 16-, 18- & HK- options) |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, 59-, AL-, HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| Door Type | 31- | Doors over 1-3/4" and/or panels (specify door thickness, panel thickness & location as required) not available for HC-PE8700, HC4-PE8700, and FM-PE8700 |
| End Cap | OL- | Overlap end cap (device comes standard with flush end cap) |
| Fasteners | 36- | Six lobe security head screws |
| | TB- | Thrubolts |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes - Available as special only) |
| Indicator | 18- | Passive dogging indicator |
| Latching | 14- | Dropdown bottom latchbolt (non-fire rated) |
| Luminescence | PL- | SARGuide® photoluminescent push rail – (not available 85 & 87 options) |
| Rail Force | 5CH- | 5lb. Pressure Release |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |

ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|---------------------------|----------------|---|
| Electrical Options | 53- | Latchbolt monitoring switch (not available with 59- option) |
| | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | 55- | Request to exit - signal switch in rail (not available with 59- option) |
| | 55-ERM- | Double touchbar monitoring |
| | 56- | Remote latch retraction (not available 58-, 59-, AL- options) |
| | 58- | Electric rail dogging (not available 56-, VLR & 59- options) |
| | 59- | Electroguard® self contained delayed egress device (not available with 16-, 53-, 55-, 56-, VLR, 58-, 59-, AL-, & GL- options. 54- available upon request) |
| | AL- | Alarmed exit (Not available 16-, 56-, VLR, 59- options) |
| | HK- | Electrified exit device manual hex key dogging (also available with 56-, VLR & 58- options) |
| | VLR- | Latch Retraction Override (not available 58-, 59-AL, W53-, W54- & W55-) |
| | WR- | Wire harness included when electrified trim is ordered separately (supplied standard with 59-) |

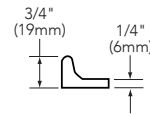
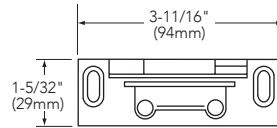
PE8700 Wide Stile

Surface Vertical Rod Exit Device

STANDARD STRIKES

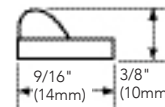
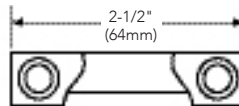
646 TOP STRIKE

- Standard for both Panic and Fire (12-) Hardware
- Surface applied to frame
- Fire-rated
- Black nylon coated
- See template #MEDT25 for more details



624 BOTTOM STRIKE

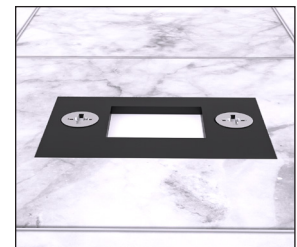
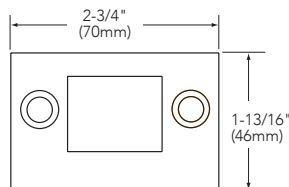
- Applied to surface of floor or to a flat threshold
- Black nylon coated
- See template #MEDT25 for more details



OPTIONAL STRIKES

655 BOTTOM STRIKE

- Fire rated
- Stainless steel
- Black nylon coated
- See template #MEDT25 for more details



NB-PE8700 Wide Stile
Surface Vertical Rod Exit Device



SPECIFICATIONS

| | |
|---------------------|---|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy |
| Door Type | Metal and wood doors |
| Door Configuration | Single or double doors |
| Door/Opening Height | Must be specified <ul style="list-style-type: none">120" maximum door opening |
| Door Thickness | <ul style="list-style-type: none">1-3/4" minimum thicknessFor doors over 1-3/4" to 5" thick, specify thickness and order as 31- (see page 100 for function limitation) |
| Stile | <ul style="list-style-type: none">4-1/2" minimum - narrow & wide trim3-1/2" minimum - without trim |
| Rails | Stainless steel, brass or bronze |
| Rail Size | <ul style="list-style-type: none">Standard - E, F, J, G (see page 73 for measurements)Custom sizes available |
| Projection | 2.88" |
| Latching | Top latch only (NB-): pullman |
| End Cap | <ul style="list-style-type: none">Flush end cap standardOverlapping end cap optional - Specify OL- |
| Rods | <ul style="list-style-type: none">Less Bottom Rod (NB)1/2" brass, bronze or stainless steelAdjusted at center case |
| Device Centerline | <ul style="list-style-type: none">39-5/8" for standard applications38" for elementary schools |
| Dogging Feature | <ul style="list-style-type: none">Hex key dogging standard on non fire-rated devicesSpecify 16- for cylinder dogging (#41 cylinder supplied)Specify LD for less dogging |
| Indicator | Specify 18- for passive dogging indicator |
| Strikes | 646 Top Strike (Panic and Fire-rated) |
| Mounting Fasteners | <ul style="list-style-type: none">Wood and machine screws providedAvailable with thrubolts (TB-) |
| Fire Ratings | <ul style="list-style-type: none">See ratings and certifications table on page 712-NB applications require thermal pin. Thermal pin supplied when ordered as a 12-NB device. |

HOW TO ORDER

| Options (Cylinder/ Mechanical/Electrical) | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Optional Strikes | Finish - Inside | Door Width | AFF |
|--|----------------|----------|--------------|------|---------------------|------|---------------------|--------------------|---------------|---------|
| 56- | NB-PE87 | 10 | F | WEL | 15 | RHR | 32D | 36 | Specify | Specify |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Device Type | Function | Rail Size | Finish | Door Width |
|---|-------------|----------|-----------|--------|------------|
| 56- | NB-PE87 | 10 | F | 32D | 36 |

NB-PE8700 Wide Stile

Surface Vertical Rod Exit Device

FUNCTIONS Device only.

| SARGENT | ANSI | Description | Device Only |
|---------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | NB-PE8710 |

FUNCTIONS/TRIM For trim details, see page 74. For lever options, see pages 78-85.



(Narrow Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | NB-PE8704 x NEx | P706-8 NEx |
| 10 | 02 | No outside operation (no cylinder); Trim used as pull only | NB-PE8710 x NEx | P710 NEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | NB-PE8713 x NEx | P713 NEx |
| 15 | 14 | Passage only (no cylinder) | NB-PE8715 x NEx | P715 NEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | NB-PE8740 x NEx | P740 NEx |
| 43 | 08 | Freewheeling trim - key outside unlocks/locks trim #41 cylinder supplied | NB-PE8743 x NEx | P743 NEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | NB-PE8746 x NEx | P746 NEx |
| 73 | – | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | NB-PE8773 x NEx | P773 NEx |
| 74 | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | NB-PE8774 x NEx | P774 NEx |



(Wide Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | NB-PE8704 x WEx | P706-8 WEx |
| 10 | 02 | No outside operation (no cylinder); Trim used as pull only | NB-PE8710 x WEx | P710 WEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | NB-PE8713 x WEx | P713-8 WEx |
| 15 | 14 | Passage only (no cylinder) | NB-PE8715 x WEx | P715-8 WEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | NB-PE8740 x WEx | P740 WEx |
| 43 | 08 | Freewheeling trim - key outside unlocks/locks trim #41 cylinder supplied | NB-PE8743 x WEx | P743-8 WEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | NB-PE8746 x WEx | P746-8 WEx |
| 73 | – | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | NB-PE8773 x WEx | P773-8 WEx |
| 74 | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | NB-PE8774 x WEx | P774-8 WEx |

*Must specify finish

NB-PE8700 Wide Stile
Surface Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL For trim details see pages 75-76.



(Auxiliary Control)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------------|------------|
| 06 | 12 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | NB-PE8710 x P306 | P306 |
| 13 | 11 | Key outside unlocks/locks trim #41 cylinder supplied | NB-PE8710 x P313 | P313 |
| 73* | – | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | NB-PE8773 x P306** | P306** |
| 74* | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | NB-PE8774 x P306** | P306** |



(Inside Rod Actuator)

*Must specify finish
**Also available with P313



(862, 863, 864 Pull)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|------------------------------------|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder) | NB-PE8710 x 86x | 86x |

Pulls are not available in 14, 15, 26 or 26D

ANTI-VANDAL TRIM For Anti-Vandal trim details see page 77.



Anti Vandal Trim
(821)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | NB-PE8710 x 821 | 821 |

*Must specify finish

NB-PE8700 Wide Stile

Surface Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL For trim details see page 76.



(FLL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x FLL | 810-FLL |
| 28 | 15 | Passage only (no cylinder) | PE8728 x FLL | 828-FLL |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x FLL | 866-FLL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x FLL | 866-FLL |



(FLW Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x FLW | 810-FLW |
| 28 | 15 | Passage only (no cylinder) | PE8728 x FLW | 828-FLW |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x FLW | 866-FLW |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x FLW | 866-FLW |



(MAL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x MAL | 810-MAL |
| 28 | 15 | Passage only (no cylinder) | PE8728 x MAL | 828-MAL |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x MAL | 866-MAL |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x MAL | 866-MAL |



(PTB Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x PTB | 810-PTB |
| 28 | 15 | Passage only (no cylinder) | PE8728 x PTB | 866-PTB |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x PTB | 866-PTB |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x PTB | 866-PTB |



(STS Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8710 x STS | 810-STS |
| 28 | 15 | Passage only (no cylinder) | PE8728 x STS | 828-STS |
| 62 | 06 | Key unlocks thumbpiece, thumbpiece retracts latch/ thumbpiece relocks when key is removed #34 cylinder supplied | PE8762 x STS | 866-STS |
| 63 | 05 | Key outside unlocks/locks thumbpiece #34 cylinder supplied | PE8763 x STS | 866-STS |

Notes:

- Images represent the design of the backplate. Thumbpieces and cylinders are added to select functions.
- FLW trim is not available in 32 or 32D.
- Thumbpiece trims are not available in 14, 15, 26 or 26D, except FLW is available in 14 & 15.

NB-PE8700 Wide Stile
Surface Vertical Rod Exit Device

MECHANICAL & ELECTRICAL OPTIONS

| | How to Specify | |
|-------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware (not available with 16- & HK- options) |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, 59-, AL-, HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| Door Type | 31- | Doors over 1-3/4" and/or panels (specify door thickness, panel thickness & location as required) |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| | TB- | Thrubolts |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes - available as special only) |
| Indicator | 18- | Passive dogging indicator |
| Luminescence | PL- | SARGuide® photoluminescent push rail (not available with 85 & 87 options) |
| Rail Force | 5CH- | 5lb. Pressure Release |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |

ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------|----------------|---|
| Electrical Options | 53- | Latchbolt monitoring switch (not available with 59- option) |
| | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | 55- | Request to exit - signal switch in rail (not available with 59- option) |
| | 55-ERM- | Double touchbar monitoring |
| | 56- | Remote latch retraction (not available 58-, 59-, AL- Option) |
| | 58- | Electric rail dogging (not available 56-, VLR & 59- options) |
| | 59- | Electroguard® self contained delayed egress device (not available with 16-, 53-, 55-, 56-, VLR, 58-AL-, & HK- options. 54- is available upon request) |
| | AL- | Alarmed exit (Not available 16-, 56-, VLR, 59-) |
| | HK- | Electrified exit device with manual hex key dogging (with 12-, 56-, VLR, 58- options) |
| | VLR- | Latch Retraction Override (not available 58-, 59-AL, W53-, W54- & W55-) |
| | WR- | Wire harness included when electrified trim is ordered separately (supplied standard with 59-) |

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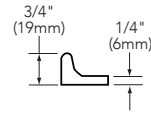
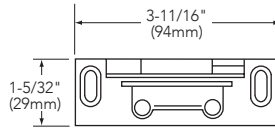
NB-PE8700 Wide Stile

Surface Vertical Rod Exit Device

STANDARD STRIKE

646 TOP STRIKE

- Standard for both Panic and Fire (12-) Hardware
- Surface applied to frame
- Fire-rated
- Black nylon coated
- See template #MEDT25 for more details



FM-PE8700 Wide Stile

Surface Vertical Rod Exit Device



SPECIFICATIONS

| | |
|----------------------------|--|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy |
| Door Type | Ceco Door and CURRIES StormPro® Series doors |
| Door Configuration | Single or double doors |
| Door/Opening Height | Must be specified • 96" maximum door opening |
| Door Thickness | 1-3/4" only |
| Stile | • 4-1/2" (114mm) minimum - narrow & wide trim • 3-1/2" (44mm) minimum - without trim |
| Rails | Stainless steel, brass or bronze |
| Rail Size | • Standard - F, J, G (see page 73 for measurements) • Custom sizes available |
| Projection | 2.88" |
| Latching | Top latch: dropdown bolt Bottom latch: dropdown |
| End Cap | • Flush end cap standard • Overlapping end cap optional - Specify OL- |
| Rods | • 1/2" brass, bronze or stainless steel • Adjusted at center case |
| Device Centerline | • 39-5/8" standard applications |
| Dogging Feature | • Hex key dogging standard on non fire-rated mechanical devices • Specify LD for less dogging |
| Indicator | Specify 18- for passive dogging indicator |
| Strikes | • 659 Top Strike • 653 Bottom Strike • Optional Strike: 655 Fire-rated Bottom Strike |
| Mounting Fasteners | • Machine screws provided • Available with thru-bolts (TB-) |
| Frames | Ceco Door and CURRIES StormPro® Series Door Assemblies |
| Hinges | • McKinney SP3386/SP3786 StormPro® Tornado Resistant Butt Hinges • McKinney MCK-HG305 Continuous Hinges • Markar HG305 Continuous Hinges |
| Shim Kit | • P569-1 Shim Kit furnished standard • Specify P569-2 for use with overlapping end caps (OL-) |
| Fire Ratings | • See ratings and certifications table on page 7 |
| Windstorm Ratings | Tornado rated (FM-) see ratings and certifications table on page 8 |

HOW TO ORDER

| Options (Cylinder/ Mechanical/Electrical) | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Finish - Inside | Door Width | Opening Height | AFF |
|--|----------------|----------|--------------|------|---------------------|------|--------------------|---------------|-------------------|---------|
| 56- | FM-PE87 | 10 | F | WEL | 15 | RHR | 32D | 36 | Specify | Specify |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Device Type | Function | Rail Size | Finish | Door Width |
|---|-------------|----------|-----------|--------|------------|
| 56- | FM-PE87 | 10 | F | 32D | 36 |

FM-PE8700 Wide Stile
Surface Vertical Rod Exit Device

FUNCTIONS *Device only.*

| SARGENT | ANSI | Description | Device Only |
|---------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | FM-PE8710 |

FUNCTIONS/TRIM *For trim details, see page 74. For lever options, see pages 78-85.*



(Narrow Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | FM-PE8704 x NEx | P706 NEx |
| 10 | 02 | No outside operation (no cylinder); Trim used as pull only | FM-PE8710 x NEx | P710 NEx |
| 13 | 08 | Key outside unlocks/locks trim; #41 cylinder supplied | FM-PE8713 x NEx | P713 NEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | FM-PE8740 x NEx | P740 NEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | FM-PE8746 x NEx | P746 NEx |
| 74 | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | FM-PE8774 x NEx | P774 NEx |



(Wide Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | FM-PE8704 x WEx | P706 WEx |
| 10 | 02 | No outside operation (no cylinder); Trim used as pull only | FM-PE8710 x WEx | P710 WEx |
| 13 | 08 | Key outside unlocks/locks trim; #41 cylinder supplied | FM-PE8713 x WEx | P713 WEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | FM-PE8740 x WEx | P740 WEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | FM-PE8746 x WEx | P746 WEx |
| 74 | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | FM-PE8774 x WEx | P774 WEx |

* Must specify finish

FM-PE8700 Wide Stile
Surface Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL [For trim details see pages 75-76.](#)



(Auxiliary Control)



(Inside Rod Actuator)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------------|------------|
| 06 | 12 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | FM-PE8710 x P306 | P306 |
| 74* | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | FM-PE8774 x P306** | P306** |



(862, 863, 864 Pull)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|------------------------------------|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder) | FM-PE8710 x 86x | 86x |

ANTI-VANDAL TRIM [For Anti-Vandal trim details see page 77.](#)



Anti Vandal Trim
(826)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | FM-PE8710 x 826 | 826 |

Note:

- Thumbpiece trims are not available in 14, 15, 26 or 26D.

* Must specify finish
**Also available with P313

FM-PE8700 Wide Stile

Surface Vertical Rod Exit Device

MECHANICAL & ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware (not available with HK- option) |
| Cylinder | LC- | Less cylinder |
| Dogging | LD- | Less dogging for non fire-rated devices |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| Finish Protection | CPC- | Clear powder coat only (available for 32 & 32D finishes - available as special only) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes - available as special only) |
| Indicator | 18- | Passive dogging indicator |
| Luminescence | PL- | SARGuide® photoluminescent push rail (not available with 85 & 87 options) |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |

ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------|----------------|--|
| Electrical Options | 53- | Latchbolt monitoring switch |
| | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | 55- | Request to exit - signal switch in rail |
| | 55-ERM- | Double touchbar monitoring |
| | 56- | Remote latch retraction |
| | HK- | Electrified exit device with manual hex key dogging (also available with 56- option) |
| | WR- | Wire harness included when electrified trim is ordered separately |

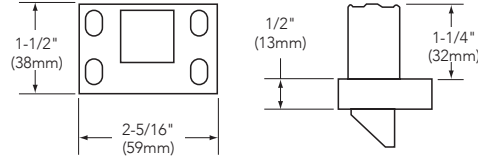
FM-PE8700 Wide Stile

Surface Vertical Rod Exit Device

STANDARD STRIKES

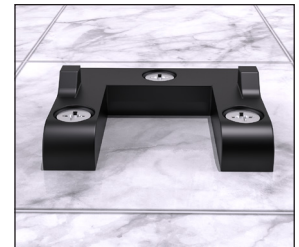
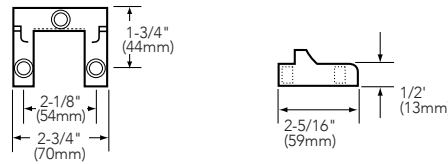
659 Top Strike

- Supplied standard
- Latch drops down from door frame
- Latchbolt nylon coated
- Stainless steel
- See template #MEDT26 for more details



653 Bottom Strike

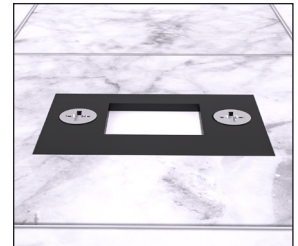
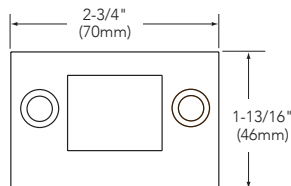
- Supplied standard
- Panic and Fire-Rated
- Black nylon coated
- See template #MEDT26 for more details



OPTIONAL STRIKES

655 Bottom Strike

- Fire rated
- Stainless steel
- Black nylon coated
- See template #MEDT25 for more details



HC-PE8700 Wide Stile

Surface Vertical Rod Exit Device



SPECIFICATIONS

| | |
|----------------------------|---|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy |
| Door Type | CURRIES 16 gauge, 747 flush, S edge doors |
| Door Configuration | Single or double doors |
| Door/Opening Height | Must be specified <ul style="list-style-type: none"> • 96" maximum door opening |
| Door Thickness | 1-3/4" only |
| Stile | <ul style="list-style-type: none"> • 4-1/2" minimum - narrow & wide trim • 3-1/2" minimum - without trim |
| Rails | Stainless steel, brass or bronze |
| Rail Size | <ul style="list-style-type: none"> • Standard - E, F, J, G (see page 73 for measurements) • Custom sizes available |
| Projection | 2.88" |
| Latching | Top latch - dropdown bolt; Bottom latch - dropdown |
| End Cap | <ul style="list-style-type: none"> • Flush end cap standard • Overlapping end cap optional - Specify OL- |
| Rods | <ul style="list-style-type: none"> • 1/2" brass, bronze or stainless steel • Adjusted at center case |
| Device Centerline | <ul style="list-style-type: none"> • 39-5/8" standard applications |
| Dogging Feature | <ul style="list-style-type: none"> • Hex key dogging standard on non fire-rated mechanical devices • Specify LD for less dogging • Specify 16- for cylinder lockdown |
| Indicator | Specify 18- for passive dogging indicator |
| Strikes | <ul style="list-style-type: none"> • 654 Top Strike • 655 Bottom Strike |
| Mounting Fasteners | <ul style="list-style-type: none"> • Machine screws provided • Available with thru-bolts (TB-) |
| Frames | CURRIES 16 gauge KD, Pipe spacer anchors only, 12 gauge full sleeve reinforcing and existing opening anchor in head of frame |
| Hinges | McKinney TA2714 or T2714 |
| Fire Ratings | See ratings and certifications table on page 7 |
| Hurricane Ratings | Hurricane Rated (HC) see ratings and certifications table on page 8 |

HOW TO ORDER

| Options (Cylinder/ Mechanical/Electrical) | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Finish - Inside | Door Width | Opening Height | AFF |
|--|----------------|----------|--------------|------|---------------------|------|--------------------|---------------|-------------------|---------|
| 56- | HC-PE87 | 10 | F | WEL | 15 | RHR | 32D | 36 | Specify | Specify |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Device Type | Function | Rail Size | Finish | Door Width |
|---|-------------|----------|-----------|--------|------------|
| 56- | HC-PE87 | 10 | F | 32D | 36 |

HC-PE8700 Wide Stile
Surface Vertical Rod Exit Device

FUNCTIONS Device only.

| SARGENT | ANSI | Description | Device Only |
|---------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | HC-PE8710 |

FUNCTIONS/TRIM For trim details, see page 74. For lever options, see pages 78-85.



(Narrow Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | HC-PE8706 x NEx | P706 NEx |
| 10 | 02 | No outside operation (no cylinder); Trim used as pull only | HC-PE8710 x NEx | P710 NEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | HC-PE8713 x NEx | P713 NEx |
| 15 | 14 | Passage only (no cylinder) | HC-PE8715 x NEx | P715 NEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | HC-PE8740 x NEx | P740 NEx |
| 43 | 08 | Freewheeling trim - key outside unlocks/locks trim #41 cylinder supplied | HC-PE8743 x NEx | P743 NEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | HC-PE8746 x NEx | P746 NEx |
| 73 | - | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | HC-PE8773 x NEx | P773 NEx |
| 74 | - | Electrified lever trim - fail secure power off, locks lever (no cylinder) | HC-PE8774 x NEx | P774 NEx |



(Wide Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | HC-PE8706 x WEx | P706 WEx |
| 10 | 02 | No outside operation (no cylinder); Trim used as pull only | HC-PE8710 x WEx | P710 WEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | HC-PE8713 x WEx | P713 WEx |
| 15 | 14 | Passage only (no cylinder) | HC-PE8715 x WEx | P715 WEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | HC-PE8740 x WEx | P740 WEx |
| 43 | 08 | Freewheeling trim - key outside unlocks/locks trim #41 cylinder supplied | HC-PE8743 x WEx | P743 WEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | HC-PE8746 x WEx | P746 WEx |
| 73 | - | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | HC-PE8773 x WEx | P773 WEx |
| 74 | - | Electrified lever trim - fail secure power off, locks lever (no cylinder) | HC-PE8774 x WEx | P774 WEx |

*Must specify
finish

HC-PE8700 Wide Stile

Surface Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL [For trim details see pages 75-76.](#)



(Auxiliary Control)



(Inside Rod Actuator)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------------|------------|
| 06 | 12 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | HC-PE8710 x P306 | P306 |
| 13 | 11 | Key outside unlocks/locks trim #41 cylinder supplied | HC-PE8710 x P313 | P313 |
| 73* | – | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | HC-PE8773 x P306** | P306** |
| 74* | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | HC-PE8774 x P306** | P306** |



(862, 863, 864 Pull)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|------------------------------------|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder) | HC-PE8710 x 86x | 86x |

Pulls are not available in 14, 15, 26 or 26D

*Must specify finish
**Also available with P313

HC-PE8700 Wide Stile
Surface Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL For trim details see page 76.



(FLL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC-PE8710 x FLL | 810-FLL |



(FLW Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC-PE8710 x FLW | 810-FLW |



(MAL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC-PE8710 x MAL | 810-MAL |



(PTB Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC-PE8710 x PTB | 810-PTB |



(STS Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|-----------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC-PE8710 x STS | 810-STS |

Notes:

FLW trim is not available in 32 or 32D.

These trims are not available in 14, 15, 26 or 26D, except FLW is available in 14 & 15.

*Must specify finish

HC-PE8700 Wide Stile

Surface Vertical Rod Exit Device

MECHANICAL & ELECTRICAL OPTIONS

| | How to Specify | |
|-------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware (not available with 16- & HK- options) |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, AL-, HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| | TB- | Thrubolts |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes) |
| Indicator | 18- | Passive dogging indicator |
| Luminescence | PL- | SARGuide® photoluminescent push rail (not available with 85 & 87 options) |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |

ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------|----------------|---|
| Electrical Options | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | 55- | Request to exit - signal switch in rail |
| | 55-ERM- | Double touchbar monitoring |
| | 56- | Remote latch retraction (not available 58-, AL-, options) |
| | 58- | Electric rail dogging (not available 56-, VLR option) |
| | HK- | Electrified exit device with manual hex key dogging (with 12-, 56-, VLR, 58- options) |
| | WR- | Wire harness included when electrified trim is ordered separately |

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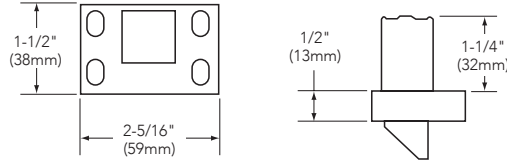
HC-PE8700 Wide Stile

Surface Vertical Rod Exit Device

STANDARD STRIKES

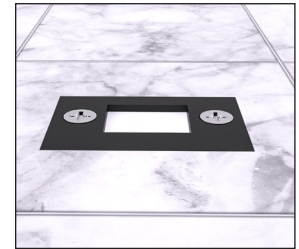
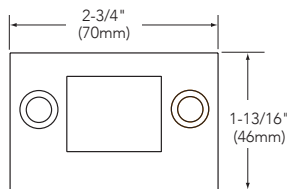
654 Top Strike

- Supplied standard
- Top bolt in frame
- Large mounting screws
- See template #MEDT26 for more details



655 Bottom Strike

- Fire rated
- Stainless steel
- Black nylon coated
- See template #MEDT26 for more details



HC4-PE8700 Wide Stile

Surface Vertical Rod Exit Device



SPECIFICATIONS

| | |
|----------------------------|---|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy |
| Door Type | Metal |
| Door Configuration | Single or double doors Note: Approved single openings cannot be used as a pair, but a door in a pair can be used as a single opening. |
| Door/Opening Height | Must be specified • 96" maximum for non-fire rated & fire rated |
| Door Thickness | 1-3/4" only |
| Stile | • 4-1/2" minimum - narrow & wide trim • 3-1/2" minimum - without trim |
| Rails | Stainless steel, brass or bronze |
| Rail Size | • Standard - E, F, J, G (see page 73 for measurements) • Custom sizes available |
| Projection | 2.88" |
| Latching | Top latch - dropdown bolt; Bottom latch - dropdown |
| End Cap | • Flush end cap standard • Overlapping end cap optional - Specify OL- |
| Rods | • 1/2" brass, bronze or stainless steel • Adjusted at center case |
| Device Centerline | • 39-5/8" standard applications |
| Dogging Feature | • Hex key dogging standard on non fire-rated mechanical devices • Specify LD for less dogging |
| Indicator | Specify 18- for passive dogging indicator |
| Strikes | • 659 Top Strike • 655 Bottom Strike |
| Mounting Fasteners | • Machine screws provided • Available with thru-bolts (TB-) |
| Frames | CURRIES 16 gauge KD, Pipe spacer anchors only, 12 gauge full sleeve reinforcing and existing opening anchor in head of frame |
| Hinges | McKinney TA2714 or T2714 |
| Fire Ratings | See ratings and certifications table on page 7 |
| Hurricane Ratings | Hurricane Rated (HC4) see ratings and certifications table on page 8 |

HOW TO ORDER

| Options (Cylinder/ Mechanical/Electrical) | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Finish - Inside | Door Width | Opening Height | AFF |
|--|----------------|----------|--------------|------|---------------------|------|--------------------|---------------|-------------------|---------|
| 56- | HC4-PE87 | 10 | F | WEL | 15 | RHR | 32D | 36 | Specify | Specify |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Device Type | Function | Rail Size | Finish | Door Width |
|---|-------------|----------|-----------|--------|------------|
| 56- | HC4-PE87 | 10 | F | 32D | 36 |

HC4-PE8700 Wide Stile
Surface Vertical Rod Exit Device

FUNCTIONS Device only.

| SARGENT | ANSI | Description | Device Only |
|---------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | HC4-PE8710 |

FUNCTIONS/TRIM For trim details, see page 74. For lever options, see pages 78-85.



(Narrow Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|------------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | HC4-PE8706 x NEx | P706 NEx |
| 10 | 02 | No outside operation (no cylinder); Trim used as pull only | HC4-PE8710 x NEx | P710 NEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | HC4-PE8713 x NEx | P713 NEx |
| 15 | 14 | Passage only (no cylinder) | HC4-PE8715 x NEx | P715 NEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | HC4-PE8740 x NEx | P740 NEx |
| 43 | 08 | Freewheeling trim - key outside unlocks/locks trim #41 cylinder supplied | HC4-PE8743 x NEx | P743 NEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | HC4-PE8746 x NEx | P746 NEx |
| 73 | | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | HC4-PE8773 x NEx | P773 NEx |
| 74 | | Electrified lever trim - fail secure power off, locks lever (no cylinder) | HC4-PE8774 x NEx | P774 NEx |



(Wide Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|------------------|------------|
| 06 | 09 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | HC4-PE8706 x WEx | P706 WEx |
| 10 | 02 | No outside operation (no cylinder); Trim used as pull only | HC4-PE8710 x WEx | P710 WEx |
| 13 | 08 | Key outside unlocks/locks trim #41 cylinder supplied | HC4-PE8713 x WEx | P713 WEx |
| 15 | 14 | Passage only (no cylinder) | HC4-PE8715 x WEx | P715 WEx |
| 40 | 02 | Freewheeling trim - no outside operation (no cylinder) dummy trim | HC4-PE8740 x WEx | P740 WEx |
| 43 | 08 | Freewheeling trim - key outside unlocks/locks trim #41 cylinder supplied | HC4-PE8743 x WEx | P743 WEx |
| 46 | 09 | Freewheeling trim - key unlocks trim, trim retracts latch/ trim relocks when key is removed #41 cylinder supplied | HC4-PE8746 x WEx | P746 WEx |
| 73 | | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | HC4-PE8773 x WEx | P773 WEx |
| 74 | | Electrified lever trim - fail secure power off, locks lever (no cylinder) | HC4-PE8774 x WEx | P774 WEx |

*Must specify finish

HC4-PE8700 Wide Stile

Surface Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL [For trim details see pages 75-76.](#)



| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|---------------------|------------|
| 06 | 12 | Key unlocks trim, trim retracts latch/trim relocks when key is removed #41 cylinder supplied | HC4-PE8710 x P306 | P306 |
| 13 | 11 | Key outside unlocks/locks trim #41 cylinder supplied | HC4-PE8710 x P313 | P313 |
| 73* | – | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | HC4-PE8773 x P306** | P306** |
| 74* | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | HC4-PE8774 x P306** | P306** |



| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|------------------------------------|------------------|------------|
| 10 | 02 | No outside operation (no cylinder) | HC4-PE8710 x 86x | 86x |

Pulls are not available in 14, 15, 26 or 26D

*Must specify finish
**Also available with P313

HC4-PE8700 Wide Stile
Surface Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL For trim details see page 76.



(FLL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|------------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC4-PE8710 x FLL | 810-FLL |



(FLW Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|------------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC4-PE8710 x FLW | 810-FLW |



(MAL Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|------------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC4-PE8710 x MAL | 810-MAL |



(PTB Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|------------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC4-PE8710 x PTB | 810-PTB |



(STS Pull Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|------------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | HC4-PE8710 x STS | 810-STS |

Notes:
These trims are not available in 14, 15, 26 or 26D, except FLW is available in 14 & 15.
FLW trim is not available in 32 or 32D.

*Must specify finish

HC4-PE8700 Wide Stile

Surface Vertical Rod Exit Device

MECHANICAL & ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware (not available with 16- & HK- options) |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, 59-, AL-, HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| | TB- | Thrubolts |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes) |
| Indicator | 18- | Passive dogging indicator |
| Luminescence | PL- | SARGuide® photoluminescent push rail (not available with 85 & 87 options) |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |

ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|---------------------------|----------------|--|
| Electrical Options | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | 55- | Request to exit - signal switch in rail |
| | 55-ERM- | Double touchbar monitoring |
| | 56- | Remote latch retraction (not available 58- option) |
| | 58- | Electric rail dogging (not available with 56-, VLR option) |
| | HK- | Electrified exit device with manual hex key dogging (with 12-, 56-, VLR, 58- options) |
| | WR- | Wire harness included when electrified trim is ordered separately (supplied standard with 59-) |

*Must specify finish

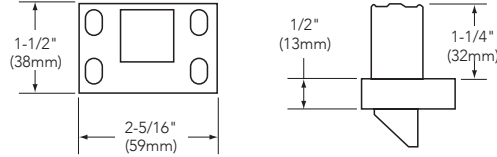
HC4-PE8700 Wide Stile

Surface Vertical Rod Exit Device

STANDARD STRIKES

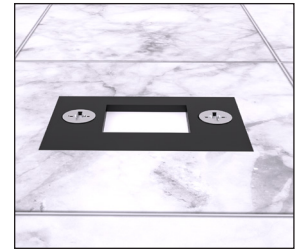
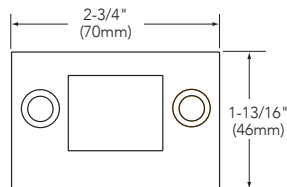
659 Top Strike

- Supplied standard
- Latch drops down from door frame
- Latchbolt nylon coated
- Stainless steel
- See template #MEDT26 for more details



655 Bottom Strike

- Fire rated
- Stainless steel
- Black nylon coated
- See template #MEDT26 for more details



PE8400 Narrow Stile

Concealed Vertical Rod Exit Device



MD-PE8400 shown

SPECIFICATIONS

| | |
|----------------------------|--|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy |
| Door Type** | Must be specified Aluminum or Metal |
| Door Configuration | Single or double doors |
| Door/Opening Height | Must be specified • 120" maximum door opening non-fire rated |
| Door Thickness | 1-3/4" to 2-1/4" thick |
| Cladding | • Available for 1/4" on 1/2" panels. Specify 31- and panel thickness on order. • Only available on 1-3/4" door thickness. Must be noted separately from door thickness on order string. |
| Stile | • Narrow Stile Trim - 1-3/4" minimum • Wide Stile Trim - 3" minimum |
| Rails | Stainless steel, brass or bronze |
| Rail Size | • Standard - E, F, J, G (see page 73 for measurements) • Custom sizes available |
| Projection | 2.88" |
| Latching | • Top latch - stainless bolt; Bottom latch - stainless steel dropdown • Available as Top latch only (NB-) |
| End Cap | • Flush end cap standard • Overlapping end cap optional - Specify OL- |
| Device Centerline | • 39-5/8" for standard applications • 38" for elementary schools |
| Dogging Feature | • Hex key dogging standard on non fire-rated devices • Specify 16- for cylinder dogging (#41 cylinder supplied) • Specify LD for less dogging |
| Indicator | Specify 18- for passive dogging indicator |
| Rods | Adjusted at center case |
| Strike | • 640 Top & Bottom Strike - standard for aluminum doors (AD-) • 652 Top & Bottom Strike - standard for metal doors (MD-) • 639 Top Strike - standard for aluminum doors, less bottom rod (NB-AD-) • 650 Top Strike - standard for metal doors, less bottom rod (NB-MD-) • 606 Bottom Strike- optional for aluminum doors (AD-) |
| Mounting Fasteners | Machine screws provided |
| Fire Ratings | • See ratings and certification table on page 7 • 12-NB applications require thermal pin. Thermal pin supplied when ordered as a 12-NB device |

HOW TO ORDER

| Options (Cylinder/ Mechanical/Electrical) | Door Type | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Optional Strikes | Finish - Inside | Door Width | Opening Height | AFF |
|--|--------------|----------------|----------|--------------|------|---------------------|------|---------------------|--------------------|---------------|-------------------|---------|
| 56- | AD | PE84 | 10 | F | NEL | 15 | RHR | 639 | 32D | 36 | Specify | Specify |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Door Type | Device Type | Function | Rail Size | Finish | Door Width |
|---|-----------|-------------|----------|-----------|--------|------------|
| 56- | AD | PE84 | 10 | F | 32D | 36 |

PE8400 Narrow Stile
Concealed Vertical Rod Exit Device

FUNCTIONS *Device only.*

| SARGENT | ANSI | Description | Device Only |
|---------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | PE8410 |

FUNCTIONS/TRIM *For trim details, see page 74. For lever options, see pages 78-85.*



(Narrow Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 06 | 09 | Key unlocks Trim, Trim retracts latch/Trim relocks when key is removed #41 Cylinder Supplied | PE8406 x NEx | P706-4 NEx |
| 10 | 02 | No outside operation (No Cylinder)* Trim is used as Pull Only | PE8410 x NEx | P710-4 NEx |
| 13 | 08 | Key Outside Unlocks/locks Trim #41 Cylinder Supplied | PE8413 x NEx | P713-4 NEx |
| 15 | 14 | Passage Only (No cylinder) | PE8415 x NEx | P715-4 NEx |
| 40 | 02 | Freewheeling Trim - No outside operation (No Cylinder)* Dummy Trim | PE8440 x NEx | P740-4 NEx |
| 43 | 08 | Freewheeling Trim - Key Outside Unlocks/locks Trim #41 Cylinder Supplied | PE8443 x NEx | P743-4 NEx |
| 46 | 09 | Freewheeling Trim - Key unlocks Trim, Trim retracts latch/Trim relocks when key is removed #41 Cylinder Supplied | PE8446 x NEx | P746-4 NEx |
| 73 | | Electrified lever Trim - Fail Safe Power Off, Unlocks Lever (No Cylinder) | PE8473 x NEx | P773-4 NEx |
| 74 | | Electrified lever Trim - Fail Secure Power Off, Locks Lever (No Cylinder) | PE8474 x NEx | P774-4 NEx |



(Wide Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 06 | 09 | Key unlocks Trim, Trim retracts latch/Trim relocks when key is removed #41 Cylinder Supplied | PE8406 x NEx | P706-4 NEx |
| 10 | 02 | No outside operation (No Cylinder)* Trim is used as Pull Only | PE8410 x NEx | P710-4 NEx |
| 13 | 08 | Key Outside Unlocks/locks Trim #41 Cylinder Supplied | PE8413 x NEx | P713-4 NEx |
| 15 | 14 | Passage Only (No cylinder) | PE8415 x NEx | P715-4 NEx |
| 40 | 02 | Freewheeling Trim - No outside operation (No Cylinder)* Dummy Trim | PE8440 x NEx | P740-4 NEx |
| 43 | 08 | Freewheeling Trim - Key Outside Unlocks/locks Trim #41 Cylinder Supplied | PE8443 x NEx | P743-4 NEx |
| 46 | 09 | Freewheeling Trim - Key unlocks Trim, Trim retracts latch/Trim relocks when key is removed #41 Cylinder Supplied | PE8446 x NEx | P746-4 NEx |
| 73 | | Electrified lever Trim - Fail Safe Power Off, Unlocks Lever (No Cylinder) | PE8473 x NEx | P773-4 NEx |
| 74 | | Electrified lever Trim - Fail Secure Power Off, Locks Lever (No Cylinder) | PE8474 x NEx | P774-4 NEx |

*Must specify finish

PE8400 Narrow Stile

Concealed Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL For trim details see pages 75-76.



(Auxiliary Control)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|-----------------|------------|
| 6 | 12 | Key unlocks turn; turn retracts latch/turn relocks when key is removed #41 cylinder supplied | PE8410 x P106 | P106 |
| 13 | 11 | Key outside unlocks/locks turn 86x pull #41 cylinder supplied | PE8410 x P113 | P113 |
| 73 | – | Electrified lever trim - fail safe power off, unlocks lever (no cylinder) | PE8473 x P106** | P106** |
| 74 | – | Electrified lever trim - fail secure power off, locks lever (no cylinder) | PE8474 x P106** | P106** |



(862, 863, 864 Pull)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8410 x 86x | 86x |

Pulls are not available in 14, 15, 26 or 26D

*Must specify finish
**Also available with P113

PE8400 Narrow Stile

Concealed Vertical Rod Exit Device

MECHANICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------------|----------------|--|
| Certifications | 12- | UL fire label exit hardware (not available with 16-, 18- & HK- options) |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, 59-, AL-, HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| Door Type** | 31- | Doors over 1-3/4" and/or panels (specify door thickness, panel thickness & location as required) |
| | AD- | Aluminum door |
| | AD01- | Kawneer 250T/350T/500T Insulpour® Thermal Entrances Compatibility |
| | MD- | Metal door |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes) |
| Indicator | 18- | Passive dogging indicator |
| Latching | NB- | Less bottom rod |
| Luminescence | PL- | SARGuide® photoluminescent push rail (not available with 85 & 87 options) |
| Rail Force | 5CH- | 5lb. Pressure Release |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL-) |

ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|---------------------------|----------------|--|
| Electrical Options | 53- | Latchbolt monitoring switch (not available with 59- option) |
| | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | 55- | Request to exit - signal switch in rail (not available with 59- option) |
| | 55-ERM- | Double touchbar monitoring |
| | 56- | Remote latch retraction (not available 58-, 59- & AL- options) |
| | 58- | Electric rail dogging (not available 56-, VLR & 59- options) |
| | 59- | Electroguard® self contained delayed egress device (not available with 16-, 53-, 55-, 56-, VLR, 58- & AL- options) |
| | AL- | Alarmed exit (not available 16-, 56-, VLR, 59- options) |
| | HK- | Electrified exit device with manual hex key dogging (also available with 56-, VLR, 58- options) |
| | VLR- | Latch Retraction Override (not available 58-, 59-, AL, W53-, W54- & W55-) |
| | WR- | Wire harness included when electrified trim is ordered separately (supplied standard with 59-) |

**Must specify door type

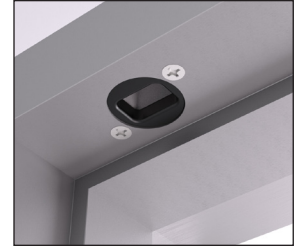
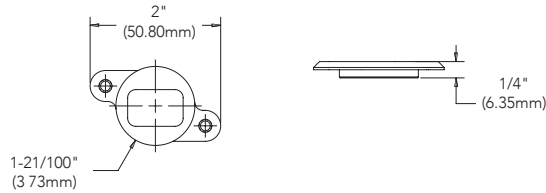
PE8400 Narrow Stile

Concealed Vertical Rod Exit Device

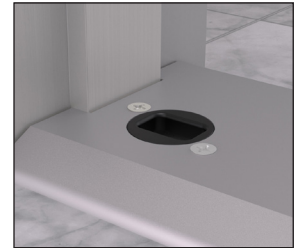
STANDARD STRIKES

640 Top & Bottom Strike

- Includes one top strike and one bottom strike
- Stainless steel
- Supplied standard for aluminum doors
- Available as an option for metal doors
- Black Nylon Coating
- Machine Screws Supplied
- See template #MEDT6 for more details



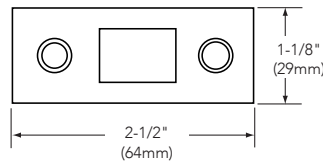
Top Strike



Bottom Strike

652 Top & Bottom Strike

- Includes one top strike and one bottom strike
- Supplied standard for metal doors
- Stainless steel nylon coated
- See template #MEDT9 for more details



Top Strike



Bottom Strike

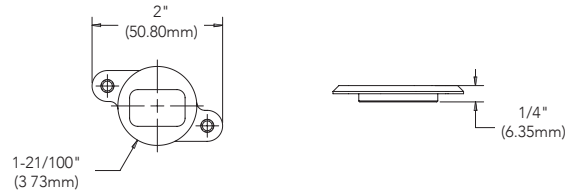
PE8400 Narrow Stile

Concealed Vertical Rod Exit Device

OPTIONAL STRIKES

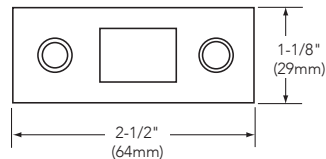
639 Top Strike

- Supplied standard for aluminum doors, less bottom rod
- Stainless steel
- Black Nylon Coating
- Machine Screws Supplied
- See template #MEDT6 for more details



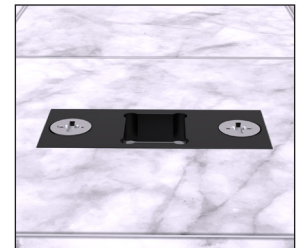
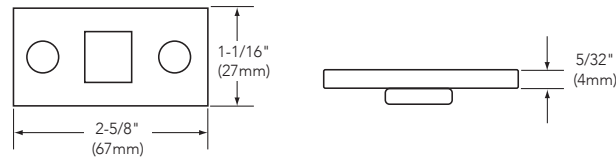
650 Top Strike

- Supplied standard for metal doors, less bottom rod
- Stainless steel nylon coated
- See template #MEDT9 for more details



606 Bottom Strike

- Supplied standard for metal doors
- Available as an option for aluminum doors
- Furnished with expansion shields
- Mortised into floor
- Stainless steel
- See template #MEDT9 for more details



KAWNEER Insulpour Thermal Entrances

Use Door Material Code - AD01

- Compatible with KAWNEER 250T, 350T and 500T openings
- 2 1/4" thick doors only
- All mechanical and electromechanical options available
- Available with SN series only
- CVR devices only
- Strike Template: MEDT6



PE8600 Wide Stile

Concealed Vertical Rod Exit Device



MD-PE8600 shown

SPECIFICATIONS

| | |
|----------------------------|---|
| Chassis Cover | Stainless steel, brass or bronze |
| Chassis | Nonferrous alloy |
| Door Type | Must be specified - Aluminum, metal or wood doors |
| Door Configuration | Single or double doors |
| Door/Opening Height | Must be specified - • 96" maximum door height for HC options • 120" maximum door opening |
| Door Thickness | 1-3/4" to 2-1/4" thick |
| Cladding | • Available for 1/4" or 1/2" panels. Specify 31- and panel thickness on order. • Only available on 1-3/4" door thickness. Must be noted separately from door thickness on order string. |
| Stile | • 4-1/2" minimum - narrow & wide trim • 3-1/2" minimum - without trim |
| Rails | Stainless steel, brass or bronze |
| Rail Size | • Standard - E, F, J, G (see page 73 for measurements) • Custom sizes available |
| Projection | 2.88" |
| Latching | • Top latch - stainless steel bolt; Bottom latch - stainless steel • Available as Top latch only (NB-) |
| End Cap | • Flush end cap standard • Overlapping end cap optional - Specify OL- |
| Device Centerline | • 39-5/8" for standard applications • 38" for elementary schools |
| Dogging Feature | • Hex key dogging standard on non fire-rated devices • Specify 16- for cylinder dogging (#41 cylinder supplied) • Specify LD for less dogging |
| Indicator | Specify 18- for passive dogging indicator |
| Rods | Adjusted at center case |
| Strikes | • 640 Top & Bottom Strike - standard for aluminum doors (AD-) • 652 Top & Bottom Strike - standard for metal and wood doors (MD-, WD-) • 639 Top Strike - standard for aluminum doors, less bottom rod (NB-AD-) • 650 Top Strike - standard for metal and wood doors, less bottom rod (NB-MD-; NB-WD-) • 606 Bottom Strike- optional for aluminum doors (AD-) |
| Mounting Fasteners | Supplied standard with wood and metal screws |
| Fire Ratings | • See Ratings and Certifications Table • 12-NB applications require thermal pin. Thermal pin supplied when ordered as a 12-NB device |
| Hurricane Ratings | See hurricane/windstorm ratings and certifications table on page 8 |

HOW TO ORDER

| Options (Cylinder/Mechanical/Electrical) | Door Type | Device Type | Function | Rail Size | Trim | Finish - Outside | Hand | Optional Strikes | Finish - Inside | Door Width | Opening Height | AFF |
|---|--------------|----------------|----------|--------------|------|---------------------|------|---------------------|--------------------|---------------|-------------------|---------|
| 56- | AD | PE86 | 10 | F | WEL | 15 | RHR | 606 | 32D | 36 | Specify | Specify |

HOW TO ORDER - DEVICE ONLY

| Options (Cylinder/Mechanical/Electrical) | Door Type | Device Type | Function | Rail Size | Finish | Door Width |
|---|-----------|-------------|----------|-----------|--------|------------|
| 56- | AD | PE86 | 10 | F | 32D | 36 |

PE8600 Wide Stile
Concealed Vertical Rod Exit Device

FUNCTIONS *Device only.*

| SARGENT | ANSI | Description | Device Only |
|---------|------|------------------------------------|-------------|
| 10 | 01 | No outside operation (No Cylinder) | PE8610 |

FUNCTIONS/TRIM *For trim details, see page 74. For lever options, see pages 78-85.*



(Narrow Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 06 | 09 | Key unlocks Trim, Trim retracts latch/Trim relocks when key is removed #41 Cylinder Supplied | PE8606 x NEx | P706-4 NEx |
| 10 | 02 | No outside operation (No Cylinder)* Trim is used as Pull Only | PE8610 x NEx | P710-4 NEx |
| 13 | 08 | Key Outside Unlocks/locks Trim #41 Cylinder Supplied | PE8613 x NEx | P713-4 NEx |
| 15 | 14 | Passage Only (No cylinder) | PE8615 x NEx | P715-4 NEx |
| 40 | 02 | Freewheeling Trim - No outside operation (No Cylinder)* Dummy Trim | PE8640 x NEx | P740-4 NEx |
| 43 | 08 | Freewheeling Trim - Key Outside Unlocks/locks Trim #41 Cylinder Supplied | PE8643 x NEx | P743-4 NEx |
| 46 | 09 | Freewheeling Trim - Key unlocks Trim, Trim retracts latch/Trim relocks when key is removed #41 Cylinder Supplied | PE8646 x NEx | P746-4 NEx |
| 73 | | Electrified Lever Trim - Fail Safe Power Off, Unlocks Lever (No Cylinder) | PE8673 x NEx | P773-4 NEx |
| 74 | | Electrified Lever Trim - Fail Secure Power Off, Locks Lever (No Cylinder) | PE8674 x NEx | P774-4 NEx |



(Wide Stile
ET Trim)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|--------------|------------|
| 06 | 09 | Key unlocks Trim, Trim retracts latch/Trim relocks when key is removed #41 Cylinder Supplied | PE8606 x WEx | P706-4 WEx |
| 10 | 02 | No outside operation (No Cylinder)* Trim is used as Pull Only | PE8610 x WEx | P710-4 WEx |
| 13 | 08 | Key Outside Unlocks/locks Trim #41 Cylinder Supplied | PE8613 x WEx | P713-4 WEx |
| 15 | 14 | Passage Only (No cylinder) | PE8615 x WEx | P715-4 WEx |
| 40 | 02 | Freewheeling Trim - No outside operation (No Cylinder)* Dummy Trim | PE8640 x WEx | P740-4 WEx |
| 43 | 08 | Freewheeling Trim - Key Outside Unlocks/locks Trim #41 Cylinder Supplied | PE8643 x WEx | P743-4 WEx |
| 46 | 09 | Freewheeling Trim - Key unlocks Trim, Trim retracts latch/Trim relocks when key is removed #41 Cylinder Supplied | PE8646 x WEx | P746-4 WEx |
| 73 | | Electrified Lever Trim - Fail Safe Power Off, Unlocks Lever (No Cylinder) | PE8673 x WEx | P773-4 WEx |
| 74 | | Electrified Lever Trim - Fail Secure Power Off, Locks Lever (No Cylinder) | PE8674 x WEx | P774-4 WEx |

*Must specify finish

PE8600 Wide Stile

Concealed Vertical Rod Exit Device

TRIM AND AUXILIARY CONTROL [For trim details see pages 75-76.](#)



(Auxiliary Control)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|--|-----------------|------------|
| 6 | 12 | Key unlocks turn; turn retracts latch/turn relocks when key is removed #41 cylinder supplied | PE8610 x P106 | P106 |
| 13 | 11 | Key outside unlocks/locks turn 86x pull #41 cylinder supplied | PE8610 x P113 | P113 |
| 73 | – | Electrified Lever trim - fail safe power off, unlocks lever (no cylinder) | PE8673 x P106** | P106** |
| 74 | – | Electrified Lever trim - fail secure power off, locks lever (no cylinder) | PE8674 x P106** | P106** |



(862, 863, 864 Pull)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8610 x 86x | 86x |

Pulls are not available in 14, 15, 26 or 26D

ANTI-VANDAL TRIM [See page 77.](#)



Anti Vandal Trim
(821)

| SARGENT | ANSI | Description | With Device | Trim Only* |
|---------|------|---|--------------|------------|
| 10 | 02 | No outside operation (no cylinder); Used as pull only | PE8610 x 821 | 821 |

*Must specify finish
**Also available with P113

PE8600 Wide Stile

Concealed Vertical Rod Exit Device

MECHANICAL OPTIONS

| | How to Specify | Detailed Description |
|--------------------------|----------------|---|
| Certifications | 12- | UL fire label exit hardware - metal doors only (not available with 16-, 18- & HK- options) |
| | HC | Hurricane rated (available on metal doors only) |
| Cylinder | LC- | Less cylinder |
| Dogging | 16- | Cylinder lockdown with # 41 cylinder (not available with 12-, 59-, AL- & HK- options) |
| | LD- | Less dogging for non fire-rated devices |
| Door Type*** | 31- | Doors over 1-3/4" and/or panels (specify door thickness, panel thickness & location as required) |
| | AD- | Aluminum door |
| | AD01- | Kawneer 250T/350T/500T Insulpour® Thermal Entrances Compatibility |
| | MD- | Metal door |
| | WD- | Wood door |
| End Cap | OL- | Overlap end cap |
| Fasteners | 36- | Six lobe security head screws |
| Finish Protection | CPC- | Clear powder coat (available for 32 & 32D finishes) |
| | SG- | MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes) |
| Indicator | 18- | Passive dogging indicator |
| Latching | NB- | Less bottom rod |
| Luminescence | PL- | SARGuide® photoluminescent push rail (not available with 85 & 87 options) |
| Rail Force | 5CH- | 5lb. pressure release |
| Tactile Warning | 76- | Tactile warning - milled outside lever (not available with Studio Collection levers and the A lever) |
| | 85- | Tactile warning - abrasive strip on push rail (not available with PL- option) |
| | 86- | Tactile warning - abrasive coating on outside lever |
| | 87- | Tactile warning - abrasive strip on push rail & abrasive coating on outside lever (not available with PL- option) |

ELECTRICAL OPTIONS

| | How to Specify | Detailed Description |
|---------------------------|----------------|---|
| Electrical Options | 53- | Latchbolt monitoring switch (not available with 59- option) |
| | 54- | Monitors ET lever movement with Internal micro switch in ET control |
| | 55- | Request to exit - signal switch in rail (not available with 59-) |
| | 55-ERM- | Double touchbar monitoring |
| | 56- | Remote latch retraction (not available 58-, 59-, AL- options) |
| | 58- | Electric rail dogging (not available 56-, VLR & 59- options) |
| | 59- | Electroguard® self contained delayed egress device (not available with 16-, 53-, 55-, 56-, VLR, 58-, & AL- options) |
| | AL- | Alarmed exit (Not available 16-, 56-, VLR, & 59- options) |
| | HK- | Electrified exit device with manual hex key dogging (available with 56-, VLR, 58- options) |
| | VLR- | Latch Retraction Override (not available 58-, 59-, AL, W53-, W54- & W55-) |
| | WR- | Wire harness included when electrified trim is ordered separately (supplied standard with 59-) |

***Must specify door type

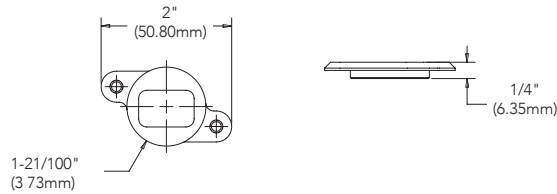
PE8600 Wide Stile

Concealed Vertical Rod Exit Device

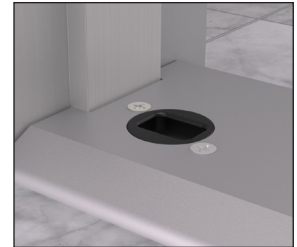
STANDARD STRIKES

640 Top & Bottom Strike

- Includes one top strike and one bottom strike
- Available as an option for metal and wood doors
- Stainless steel
- Supplied standard for aluminum doors
- Black Nylon Coating
- Machine Screws Supplied
- See template [#MEDT6](#) for more details



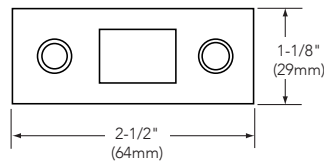
Top Strike



Bottom Strike

652 Top & Bottom Strike

- Includes one top strike and one bottom strike
- Supplied standard for metal and wood doors
- Stainless steel nylon coated
- See template [#MEDT9](#) for more details



Top Strike



Bottom Strike

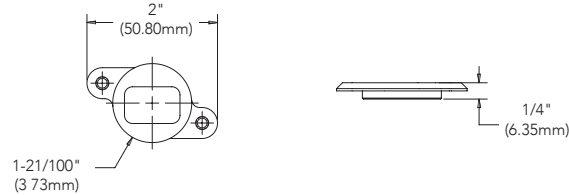
PE8600 Wide Stile

Concealed Vertical Rod Exit Device

OPTIONAL STRIKES

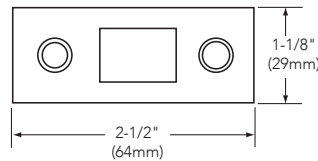
639 Top Strike

- Supplied standard for aluminum doors, less bottom rod
- Stainless steel
- Black Nylon Coating
- Machine Screws Supplied
- See template #MEDT6 for more details



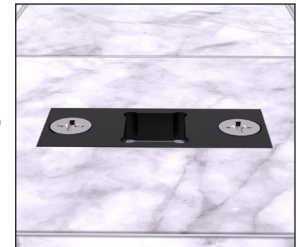
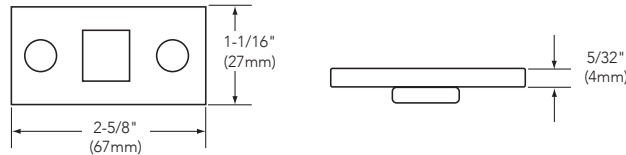
650 Top Strike

- Supplied standard for metal and wood doors, less bottom rod
- Stainless steel nylon coated
- See template #MEDT9 for more details



606 Bottom Strike

- Supplied standard for metal and wood doors
- Available as an option for aluminum doors
- Furnished with expansion shields
- Mortised into floor
- Stainless steel
- See template #MEDT9 for more details



KAWNEER Insulpour Thermal EntranceS

Use Door Material Code - AD01

- Compatible with KAWNEER 250T, 350T and 500T openings
- 2 1/4" thick doors only
- All mechanical and electromechanical options available
- Available with SN series only
- CVR devices only
- Strike Template: MEDT6



Rails and covers

RAIL SIZES

| Stock Size | Door Opening Widths | Remarks |
|------------|---------------------------------|---|
| E | 26" to 32" (66 cm to 81 cm) | No cutting required for 32" (81 cm) door |
| F | 32.5" to 36" (84 cm to 91 cm) | No cutting required for 36" (91 cm) door |
| J | 36.5" to 42" (94 cm to 107 cm) | No cutting required for 42" (107 cm) door |
| G | 42.5" to 48" (110 cm to 122 cm) | No cutting required for 48" (122 cm) door |

Note: Must specify rail length on order string to receive factory cut rail.

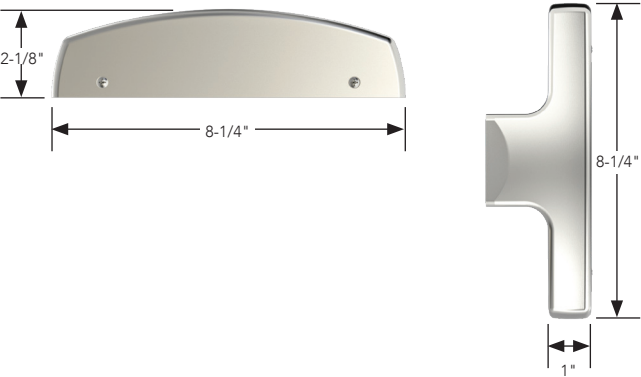
TOUCHBAR PROJECTION



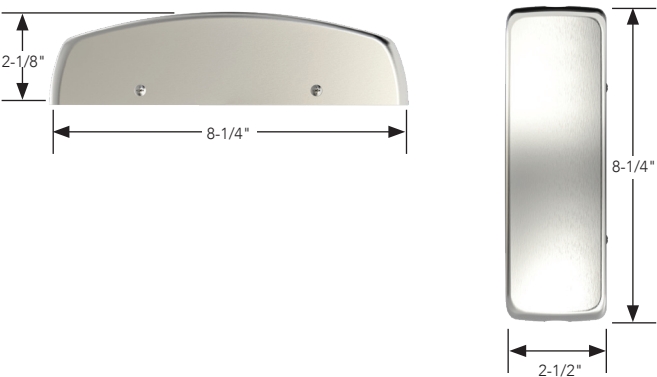
DELAYED EGRESS TOUCHBAR PROJECTION



NARROW STILE COVER DIMENSIONS



WIDE STILE COVER DIMENSIONS



FLUSH END CAP (STANDARD)



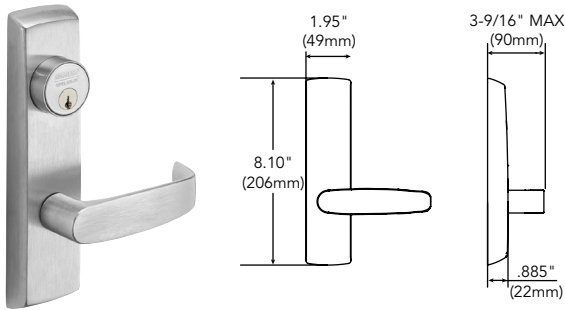
OVERLAPPING END CAP (OL-)



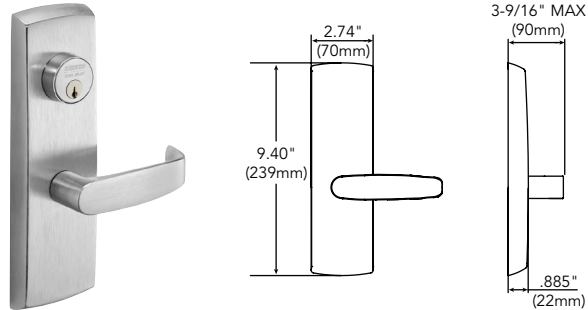
Lever trim

LEVER TRIM

P700 NEX Lever Trim

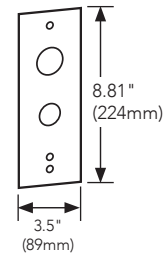
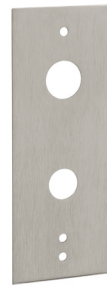


P700 WEX Lever Trim



68-0657 COVER PLATE TRIM

- Used with Narrow Lever trim only (NE)
- Used with narrow or wide lever trim to cover Von Duprin's 98/98 Series trim



EcoFlex® Lever Trim

- Provides remote means of locking and unlocking of the lever
- Requires a McKinney QC8 Hinge for EcoFlex P700 Trims and/or 54- option
- Voltage: 12VDC or 24VDC Regulated
- Actuator draw = 400mA inrush/15mA continuous @ 12VDC/24VDC
- Operating Temp.: Max. 151°F (66°C), Min -31°F (-35°C)
- Full wave rectification installed inside the P700 Control
- UL and cUL listed for use on fire doors
- Field reversible
- Key retracts latch mechanically
- See page 6 for additional details on EcoFlex technology

Notes: Repeated operation at voltage exceeding +/- 10% is not recommended



(Narrow Stile ET Trim)



(Wide Stile ET Trim)



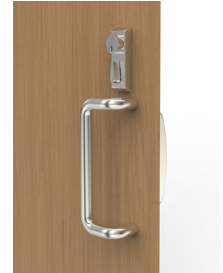
Auxiliary controls

AUXILIARY CONTROLS

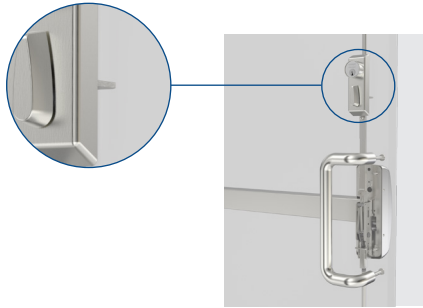
P100 Series



- Used with concealed vertical rod devices (PE8400 and PE8600)
- Engages with Auxiliary Control Link Assembly on vertical rod
- Wood doors require unit to be mounted approximately 4-5/8" above chassis centerline
 - See template MEDT70 for more details
- Metal doors require unit to be mounted approximately 7-5/16" above chassis centerline
 - See template #MEDT7 for more details



Wood

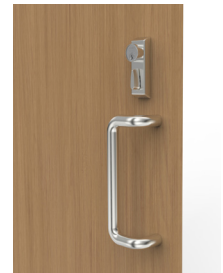


Metal

P300 Series



- Used with surface vertical rod devices (PE8700)
- Engages with Inside Rod Actuator Assembly
- Metal and Wood door applications are mounted at same position above chassis centerline
- See template #4214 for more details



Inside Rod Actuator Assembly



- Used with surface vertical rod devices (PE8700)
- Attaches to top rod and engages with P300 Series Auxiliary Control
- Packed standard with P306 and P313 Auxiliary Controls
- Part # 97-2378
- See template #4214 for more details



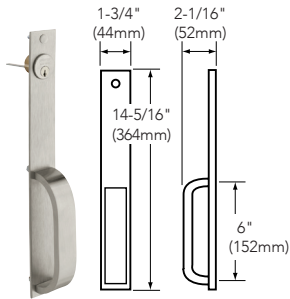
Trims and pulls



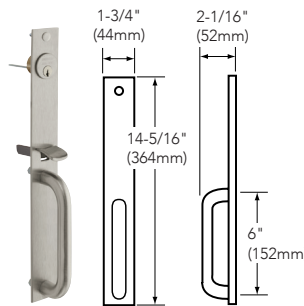
TRIM AND PULLS

These trims are thru-bolted, creating perfect alignment of center case, thumbpiece and cylinder, as required. Thru-bolts pass through the chassis of the devices and are bolted directly to the trim. FSL, FSW, MSL and PSB pulls are used with 12- PE8804 and PE8804 only, they are identical to FLL, FLW, MAL and PTB pulls except the cylinder hole is located 3/8" (9mm) lower. The 802-PTB plate is a flat plate which can be used to cover existing door preps and is an ANSI/BHMA function 01.

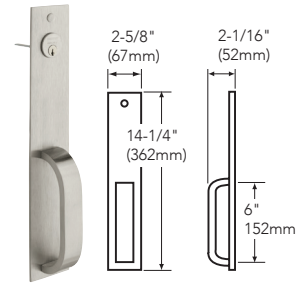
FLL/FSL



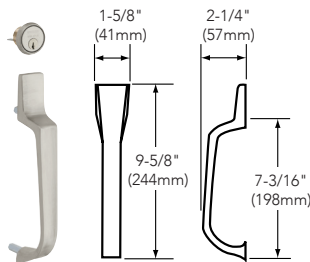
FLW/FSW



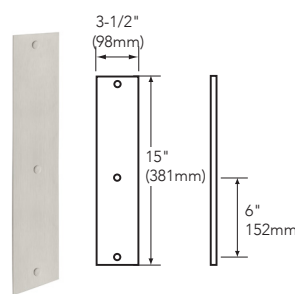
MAL/MSL



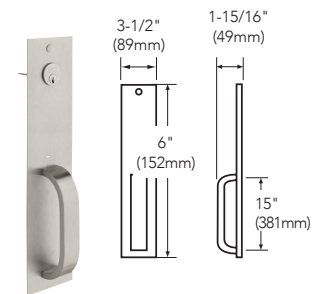
STS



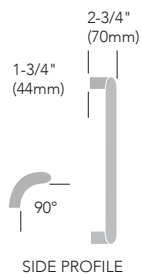
802-PTB



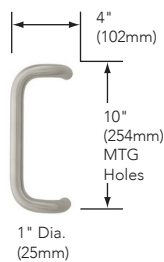
PTB/PSB



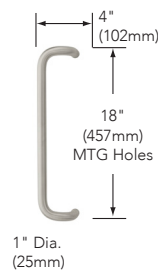
PULLS



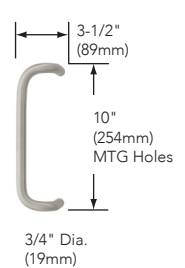
862



863



864



Notes:

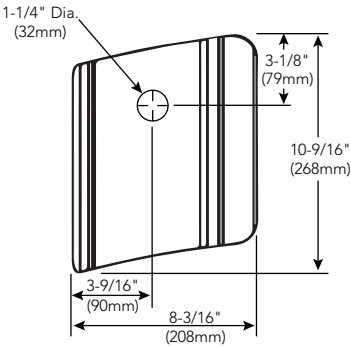
- FLW and FSW trims are not available in 32 or 32D.
- Pulls and thumb piece trims are not available in 14, 15, 26 or 26D, except FLW/FSW is available in 14 & 15.

Trims and pulls

ANTI-VANDAL TRIM

Designed for exterior doors that require extra security or resistance to vandalism, anti-vandal trim (AVT) plates have a matte plastic coated grip to provide a comfortable pull over wide temperature ranges. All plates are through-bolted with no exposed exterior fasteners for a cleaner look and increased security. Plates used on the active side of the door have an extended lip to provide extra protection for the latchbolt.

- Wide Stile exit devices only (PE8600, PE8700, PE8800, PE8900)
- Available with Night Latch (04) and Dummy Functions (10) only
- Not available with these options: 31, 49, 76, 85, 86, 87
- Styles with No protective lip (821 & 826) are used on inactive leaf doors
- #34 Rim Cylinder supplied for PE8804
- #41 Mortise Cylinder supplied for PE8904
- Heavy duty 12-gauge stainless steel
- Through-bolted for added strength
- Handed – Specify RHR or LHR
- 32D finish only
- ADA Compliant



821



824



826



827

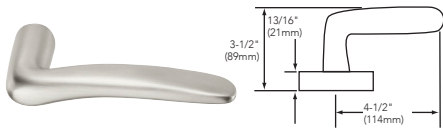


| Part Number | Description | Application |
|-------------|---------------------------------|---|
| 821 | No Protective Lip & No Cylinder | MD/WD-PE8610, PE8710, NB-PE8710, PE8810, PE8910 |
| 824 | Protective Lip & Cylinder | PE8804 and PE8904 |
| 826 | No Protective Lip & Cylinder | PE8804 |
| 827 | Protective Lip & No Cylinder | PE8810 and PE8910 |

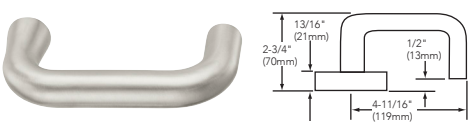
Levers - standard

STANDARD LEVERS

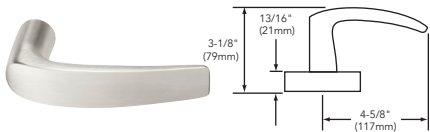
A
(HANDED)



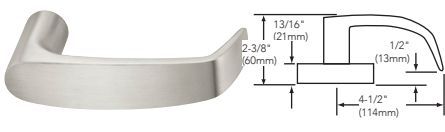
J*



B



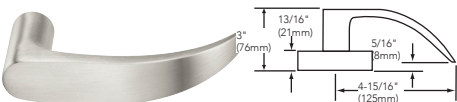
L*



E



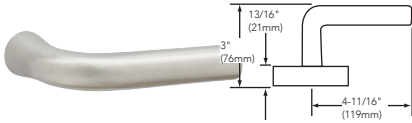
P*



F



W*




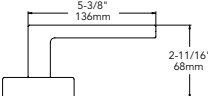

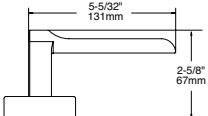

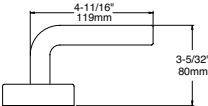

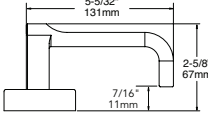

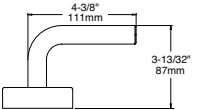

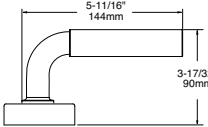

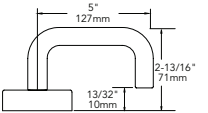

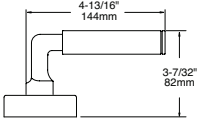

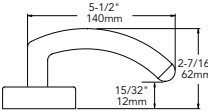

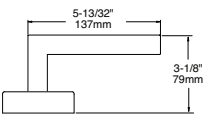

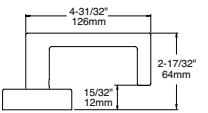
* Lever returns within 1/2" (13mm) of door face

Note: Tactile warning options (76-, 85-, 86-, and 87-) are available on all standard levers, except the A lever. See page 117 for more details.

Levers - decorative

STUDIO COLLECTION LEVERS


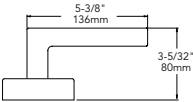

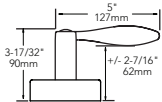

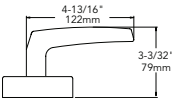

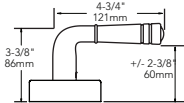

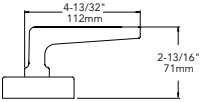

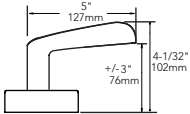

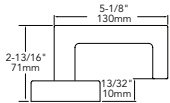

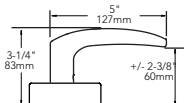

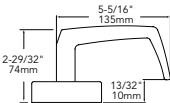
Studio Collection trim is available in a broad array of designs and finishes. It allows for uniformity throughout a facility using cylindrical locks, tubular locks, mortise locks, exit devices, and electronic access control products. All levers meet ADA compliance for national codes.

| AVENTURA SERIES | | | BERLIN SERIES | | |
|-----------------|---|---|-------------------|--|---|
| MB |  |  | H015 |  |  |
| ME |  |  | H016 ¹ |  |  |
| MF |  |  | H017 |  |  |
| NF ¹ |  |  | H018 |  |  |
| MG |  |  | | | |
| MI |  |  | | | |
| MW ¹ |  |  | | | |

¹ Lever returns within 1/2" (13mm) of door face.
Note: Tactile warning options (85-, 86-, and 87-) are available on all Studio Collection levers. See page 118 for more details.

Visit the online Decorative Hardware Product Selector at selector.sargentlock.com to mix and match styles and finishes.

Levers - decorative


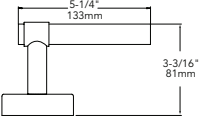

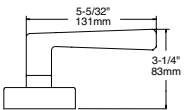

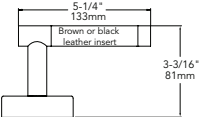

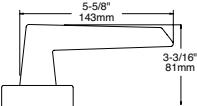

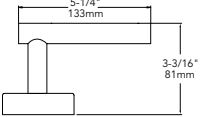

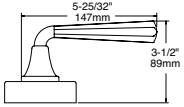

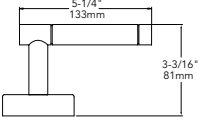

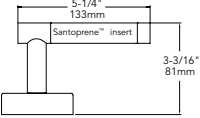

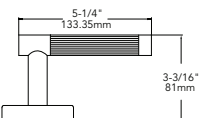

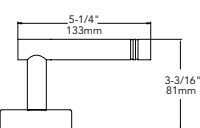
| CENTRO SERIES | | | COASTAL SERIES | | |
|-----------------|---|---|----------------|---|--|
| MD |  |  | G |  |  |
| MJ |  |  | R |  |  |
| MP ² |  |  | S |  |  |
| ND ¹ |  |  | Y |  |  |
| NJ ¹ |  |  | | | |

¹ Lever returns within 1/2" (13mm) of door face.
² Not available in 32 or 32D finish.

Note: Tactile warning options (85-, 86-, and 87-) are available on all Studio Collection levers. See page 118 for more details.

Visit the online Decorative Hardware Product Selector at selector.sargentlock.com to mix and match styles and finishes.


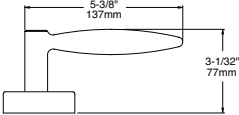

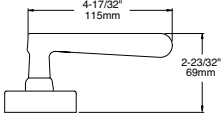

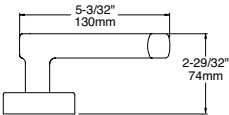

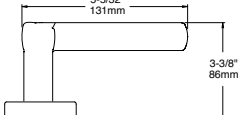

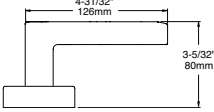

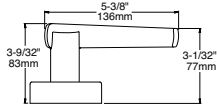

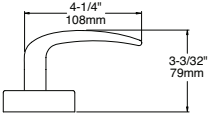

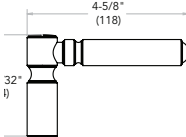

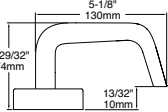

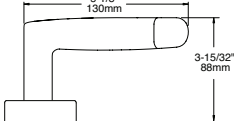

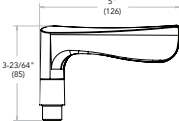

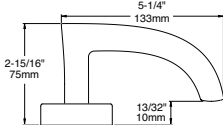
Levers - decorative

| GRAMERCY SERIES1 | | | GRANT PARK | | |
|------------------|---|---|---------------|--|---|
| RCM |  |  | H007 |  |  |
| RAL |  |  | H008 (HANDED) |  |  |
| REM |  |  | H011 |  |  |
| RAM |  |  | | | |
| RAS |  |  | | | |
| RAG |  |  | | | |
| RGM |  |  | | | |

1 Gramercy levers are customized. See page 84.
Note: Tactile warning options (85-, 86-, and 87-) are available on all Studio Collection levers. See page 118 for more details.

Visit the online Decorative Hardware Product Selector at selector.sargentlock.com to mix and match styles and finishes.

Levers - decorative

| NOTTING HILL SERIES (HANDED LEVERS) | | | ODÉON SERIES (HANDED LEVERS) | | |
|-------------------------------------|---|---|------------------------------|--|---|
| MA ² |  |  | MN ² |  |  |
| MQ ² |  |  | MH ² |  |  |
| MT ² |  |  | MS ² |  |  |
| MO ² |  |  | WG |  |  |
| MZ ² |  |  | MV ² |  |  |
| GT |  |  | NU ^{1,2} |  |  |

¹ Lever returns within 1/2" (13mm) of door face.


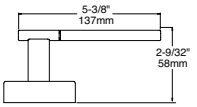

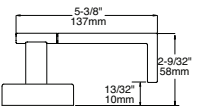

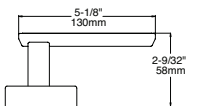

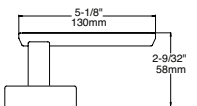

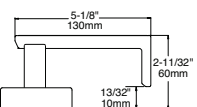

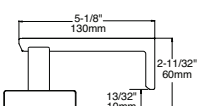
² Not available in 32 or 32D finish.

Note: Tactile warning options (85-, 86-, and 87-) are available on all Studio Collection levers. See page 118 for more details.

Visit the online Decorative Hardware Product Selector at selector.sargentlock.com to mix and match styles and finishes.

Levers - decorative

WOOSTER SQUARE2

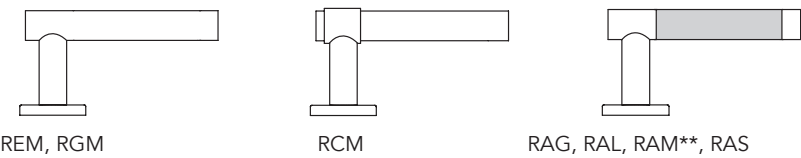
| | | |
|---------------------|---|---|
| H001 |  |  |
| H002 ¹ |  |  |
| H003 ² |  |  |
| H004 ² |  |  |
| H005 ^{1,2} |  |  |
| H006 ^{1,2} |  |  |

¹ Lever returns within 1/2" (13mm) of door face.
² H003-H006 - Contain white or black polycarbonate inserts. Not available with MicroShield® antimicrobial coating.
Note: Tactile warning options (85-, 86-, and 87-) are available on all Studio Collection levers. See page 118 for more details.

Visit the online Decorative Hardware Product Selector at selector.sargentlock.com to mix and match styles and finishes.

Gramercy series levers

GRAMERCY LEVERS



GRAMERCY FINISH CODES

| ANSI/BHMA Finish | SARGENT Finish | Gramercy Code* | Description |
|------------------|----------------|----------------|--|
| 630 | 32D | 30 | Satin Stainless Steel |
| 629 | 32 | 29 | Bright Stainless Steel |
| 613E | 10BE | 3E | Dark Oxidized Satin Bronze, Equivalent |
| N/A | BSP | BS | Black Suede Powder Coat |
| N/A | WSP | WS | White Suede Powder Coat |
| N/A | N/A | BK | Black (Santoprene™ or leather insert) |
| N/A | N/A | BN | Brown (leather insert) |

*Code used to specify Gramercy Series finishes only. Use available finishes list to specify desired finish when ordering.

GRAMERCY LEVER DESCRIPTIONS AND AVAILABLE FINISHES

| Lever Designation | Lever Description | Available Finishes (AS ORDERED) |
|-------------------|--------------------|--|
| RAG | Grooved Insert | 3030, 2929, 2930, 3029, 3E3E, BSBS or WSWs |
| RAL | Leather Insert | 30BK, 30BN, 29BK, 29BN, 3EBK3E, BSBKBS, WSBKWS, 3EBN3E, BSBNBS or WsBNWS |
| RAM | Satin Metal Insert | 2930** only (SEE NOTATION) |
| RAS | Santoprene Insert | 30BK, 29BK, 3E3E, BSBS or WSWs |
| RCM | Raised Band | 2930, 2929, 3030, 3029, 3E3E, BSBS or WSWs |
| REM | Plain | 2929, 3030, 3E3E, BSBS or WSWs |
| RGM | Two Grooves | 2929, 3030, 3E3E, BSBS or WSWs |

**Notes for two-tone finishes:

- 2930 Finish: grip of lever is 32D, balance of lever is 32. Escutcheon and lock finish will be 14.
- 3029 Finish: grip of lever is 32, balance of lever is 32D. Escutcheon and lock finish will be 15.

To order Gramercy Series levers with Sargent products, see the examples below. When specifying finish, use the last two digits of the BHMA standard finish code, i.e. use "29" for polished stainless, BHMA finish 629.

Electrical options

ELECTRICAL OPTIONS

The following primary options are available with these additional compatible options.

| | | |
|---------|---|---|
| *AL- | Alarmed Exit | 12-, 53-, 55-, 55-ERM-, 58- & 5CH |
| HK- | Hex Key Dogging | 12-, 56-, VLR, 58- |
| 12- | Fire-rated | AL-, HK-, 53-, 55-, 55-ERM-, 56-, VLR, 58-, 59- |
| 16- | Cylinder Dogging | 53-, 55-, 55-ERM-, 56-, VLR, 58- |
| 5CH | 5lb Pressure Release | 55-, 54-, 56-, VLR, 58-, HK-, AL, GL |
| 53- | Latch Monitoring | AL-, 12-, 16-, 54-, 55-, 55-ERM-, 56-, VLR, 58-, 5CH |
| W53 | Weatherized Latchbolt Monitoring | W54, W55, W55-ERM, WH |
| 54- | Lever Monitoring | AL-, 12-, 16-, 53-, 55-, 55-ERM-, 56-, VLR, 58-, 59-, 5CH |
| W54 | Weatherized Lever Monitoring | W53, W55, W55-ERM, WH |
| 55- | Request to Exit | 12-, 16-, 53-, 56-, VLR, 58-, 5CH, AL |
| W55 | Weatherized Touch bar Monitoring | W53, W54, WH |
| 55-ERM- | Double Touchbar Monitoring | 12-, 16-, 53-, 56-, VLR, 58-, AL-, 5CH- |
| W55-ERM | Double Weatherized touchbar Monitoring | W53, W54, WH |
| 56- | Electric Latch Retraction | HK-, 12-, 16-, 53-, 54-, 55-, 55-ERM- |
| 58- | Electric Dogging | AL-, HK-, 12-, 16-, 53-, 55-, 55-ERM-, 5CH |
| **59- | Self Contained Delayed Egress | 12- |
| VLR- | Latch Retraction Override (not available 58-, 59-, AL, W53-, W54- & W55-) | |
| WH- | Weep holes | W53 W54, W55, W55-ERM, WH |

* The AL- design includes monitored push rail

** The 59- design includes monitored push rail and latch

AL- ALARM OPTION



SARGENT exit devices with the alarm option are designed for areas requiring a stand-alone alarm on outward swinging doors. This device contains an internal battery and the alarm is integrated in the push rail to discourage the unauthorized use of emergency exit doors. The alarm inside the rail sounds immediately upon exit. The PE80 Series is ideal for rear exterior doors, doors leading to a rooftop, or anywhere security is a concern. Warning Decal "EMERGENCY EXIT-ALARM WILL SOUND" provided.

Minimum door widths:

- Wide stile door 32"
- Narrow stile door 31"

Note: Also available as hard wired option (9VDC, 300mAh). Use optional accessories to configure (546 Wiring Harness)

OPTIONAL ACCESSORIES

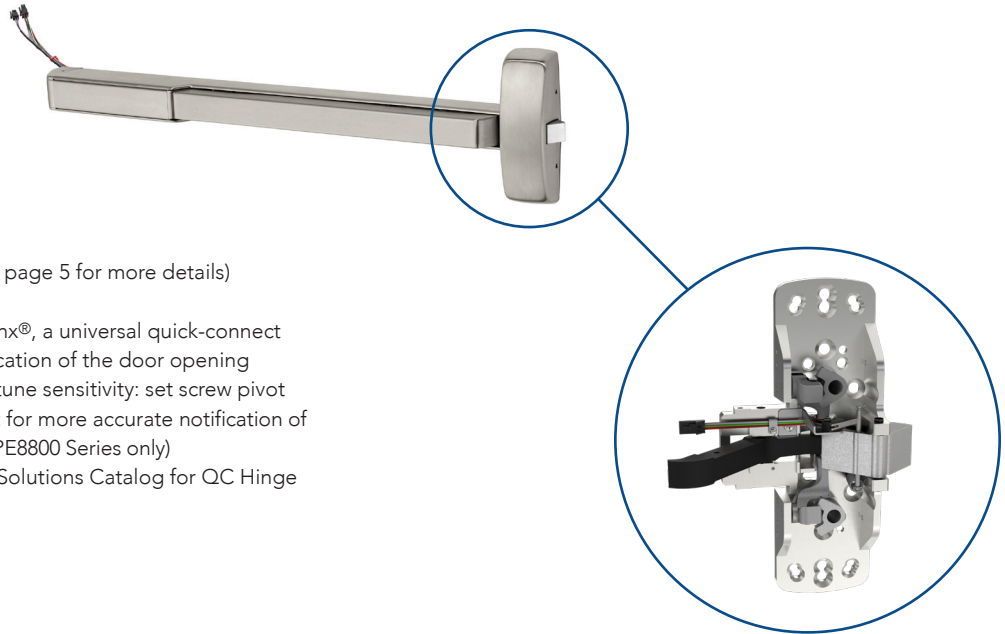
546 Wiring Harness (see page 113)

Electrical options (cont.)

53- LATCH BOLT MONITORING

The latchbolt monitoring option detects when the latch is moved, not just rail movement sensing. The monitor switch is activated when the rail is depressed or when there is movement of the latch and can be used to send a notification to the building's security system.

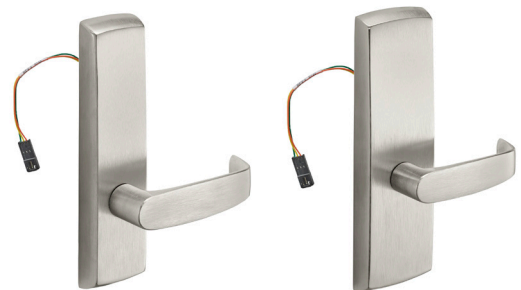
- Switch type SPDT form "C" con
- 30VDC@2 Amp. maximum rating
- Wires are routed thru the rail (See page 5 for more details)
- Available for all door widths
- Includes ASSA ABLOY's ElectroLynx®, a universal quick-connect system that simplifies the electrification of the door opening
- Adjustable switch bracket to fine tune sensitivity: set screw pivot bracket allows precise adjustment for more accurate notification of latchbolt movement (PE8500 and PE8800 Series only)
- See McKINNEY's Transfer Device Solutions Catalog for QC Hinge and cable requirements



54- LEVER MONITORING

The lever monitoring option identifies when the lever is rotated. When this happens, the monitor switch is activated and can be used to send a notification to the building's security system.

- Available with Wide or Narrow stile trim
- Requires P700 trim with these functions 06, 13, 15, 73, 74, 75 and 76
- Requires a McKinney QC8 Hinge for 54-
- Wires are routed thru the rail (See page 5 for more details)
- Switch type SPDT form "C" contacts
- 30VDC @ 2 Amp. maximum rating
- Monitors lever rotation, can be incorporated into alarm systems or in conjunction with an electromagnet
- Includes ASSA ABLOY's ElectroLynx®, a universal quick-connect system that simplifies the electrification of the door opening
- Not available with Freewheeling Trim



Electrical options (cont.)

55- REQUEST TO EXIT (TOUCHBAR MONITORING)



The Request-to-Exit option provides includes a signal switch to monitor if push rail is depressed. The switch can be used to activate a variety of features, such as sound and alarm, initialize a delay egress system, or de-energize an electromagnetic lock.

Switch type SPDT form "C" contact

- 30 VDC@2 Amp. maximum rating
- All wires run through rail
- Available with all PE Series devices, except for FM-PE8700
- See page 85 for compatible options

Minimum Door Widths:

- Wide Stile Door 26"
- Narrow Stile door 26"

See McKINNEY Transfer Device Solutions Catalog for QC Hinge and cable requirements.

55-ERM DOUBLE TOUCHBAR MONITORING



The Double Touchbar Monitoring option provides two independent switches to monitor if push rail is depressed. This option can be used when integration to security and/or access control system requires separate switches.

Switch type SPDT form "C" contact

- 30 VDC@2 Amp. maximum rating
- All wires run through rail
- Available with all PE Series devices, except for FM-PE8700
- See page 85 for compatible options

Minimum Door Widths:

- Wide Stile Door 26"
- Narrow Stile door 26"

See McKINNEY Transfer Device Solutions Catalog for QC Hinge and cable requirements.

55- TOUCHBAR MONITORING RETROFIT KIT

- Available for all rail sizes.
- Compatible with 53- and 54- options.
- Kit includes the harness assembly.

| Kit # | Option | Rail Size | Compatible Options |
|---------|--------|-----------|--------------------|
| PE-2958 | 55- | E/F | 53- |
| PE-2959 | | J/G | 53- |
| PE-2960 | | E/F | 53-54- |
| PE-2961 | | J/G | 53-54- |
| PE-2962 | 55-ERM | E/F | 53- |
| PE-2963 | | J/G | 53- |
| PE-2964 | | E/F | 53-54- |
| PE-2965 | | J/G | 53-54- |

Note: The 55- retrofit harness is available with 53- and 54- option compatibility. 53- (Latchbolt Monitoring) chassis assemblies and 54- (ET Lever Monitoring)

Electrical options (cont.)

WEATHER RESISTANT



Rain-Resistant Weatherized Exit Device



Snow-Resistant Weatherized Exit Device



Weatherized Exit Device

Weather Resistant Rim Exit Devices is available with switches option. Designed to withstand environmental elements for doors or gates used in outdoors or in moist environments that require switch monitoring

In addition to standard BHMA and UL testing, these Weather Resistant switch options were tested to the following standards to Mil 810F(G), 509.4 - Salt Fog, Mil 810F(G), 506.4 - Driving Rain Procedure 1, UL 1034 Temperature Section 34. and UL 1034 Dust Section 54.

Switch options available:

- W53 Weather Resistant Latchbolt Monitoring
- W54 Weather Resistant Lever Monitoring
- W55 Weather Resistant Touchbar Monitoring
- W55-ERM Weather Resistant Double Touchbar Monitoring

Available finishes:

- 03, 04, 09, 10, BSP, 10BE, 10BL, and WSP.
 - For 32D and 26D Weather Resistant finishes must be order as 32DCP and 26DCP Clear Powder Coat.
- Weatherized Switches and Weep Holes are available with all the mechanical options for PE8800 and PE8500 only.

How To Order:

WH- W53- PE8810 F 32DCP RHR 36

Electrical options (cont.)

56- ELECTRIC LATCH RETRACTION



The Electric Latch Retraction exit device option (56-) is the perfect choice for high traffic entrance and exit doors that require remote unlocking or remote dogging. It utilizes a latch retraction motor ensuring quiet operation which is ideal for locations such as conference rooms, theaters and libraries. Once retracted, the door functions in a push/pull manner. The 56- allows the exit device to be dogged for momentary ingress and egress and is commonly used in conjunction with an automatic door operator. The device can even be dogged continuously on fire-rated devices that are tied into the building's fire detection system.

Key Features

- 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
- Standard electric hinge - no special power transfer required
- Wires are routed thru the rail (See page 5 for more details)
- Field serviceable -modular design
- Can be used for continuous and intermittent use
- UL Listed for Class II Circuitry
- Current draw: .65A during retraction and .2A maintained in dogged hold position
- Requires 1A at 24VDC regulated/filtered power supply
- Minimum Door Widths:
 - Wide Stile Door 28"
 - Narrow Stile Door 28"
- Includes ASSA ABLOY's ElectroLynx®, a universal quick-connect system that simplifies the electrification of the door opening
- See McKINNEY's Transfer Device Solutions Catalog for QC Hinge and cable requirements
- 5 year warranty

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

P56 ELECTRIC LATCH RETRACTION RETROFIT KIT

Available for E, F, G and J rail sizes.

Minimum Door Widths:

- Wide Stile Door 28"
- Narrow Stile Door 28"
- Available with 53-, 54-, 55-, 55-ERM and 5CH options

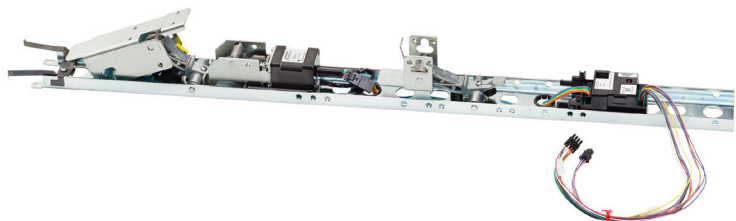
How to order:

| Options | Kit # | Rail Size | Stile |
|----------|-------|-----------|-------|
| 55-P56FW | P56 | F | W |

Kit Includes: Carrier Assembly (includes motor assembly and controller) and dogging slope plug for hex key devices

OPTIONAL ACCESSORIES

LSP-12-24 Power Supply (see page 114)



Electrical options (cont.)

VLR - LATCH RETRACTION OVERRIDE



The VLR option provides a robust lockdown solution for high-occupancy areas, ensuring both security and free egress in emergencies. VLR provides for a manual override of motorized electric latch retraction, offering enhanced security during critical situations.

- VLR allows for immediate manual lockdown by overriding the latch retraction, ensuring that the door is secure from unauthorized entry while maintaining free egress.
- Equipped with easy-to-read visual indicators, the device shows a red, backlit, 'secure' window when locked, providing instant feedback to occupants and first responders.

Lockdown can be activated with a simple turn of the key or thumb turn, overriding the latch retraction mechanism to secure the door.

Minimum Door Widths:

- Wide Stile Door 30"
- Narrow Stile Door 30"

Note: Rings and Collars will be required for proper operation for cylinders other than the standard 42

Note: Must be ordered with the 56- option

Electrical options (cont.)

58- ELECTRIC DOGGING



Libraries, auditoriums, theaters, courtrooms, churches and schools benefit from the convenience of electric dogging (unlocking). When the exit device is energized and the push rail is depressed, it will continuously hold the push rail down and the latch(es) will be held retracted. When the device is de-energized or power is interrupted, the latch(es) will extend. This feature is ideal for areas that require the silent operation of exit device hardware.

Features

- Wires are routed thru the rail (See page 5 for more details)
- Provides quiet ingress and egress when dogged
- Standard electric hinge - no special power transfer required
- Manual hex key dogging provided on non-fire-rated devices
- UL Listed for Panic and Fire (12-)
- Holding force 70 lbs. min.
- Power Requirements: 24VDC regulated/filtered power supply
- Current draw: 0.2 Amp
- Not available on FM-PE8700 devices
- Available for all door widths
- See McKinney's Transfer Device Solutions Catalog for QC Hinge and cable requirements

OPTIONAL ACCESSORIES

LSP-12-24 Power Supply (see page 114)

Electrical options (cont.)

59- ELECTROGUARD® SELF CONTAINED DELAYED EGRESS



The 59- sounds an alarm within the rail when the exit device push pad is pressed down, in order to alert personnel that someone is attempting to exit. The exit device is preset to remained locked for 15 seconds (field adjustable to 5, 10, 20 or 40 seconds), allowing time for authorized personnel to respond. This can be done by inserting a key into the cylinder on the rail or via a remote location. When the connected fire alarm system is activated, the exit device disarms and allows immediate egress.

Specifications

- Rod guards must be used on surface vertical rod devices. Consult factory for more information
- Not available with hex key dogging
- Standard size 41 mortise cylinder in rail
- Field adjustable momentary time delay preset for five seconds at factory
- 80DB horn enclosed in rail assembly
- Uses standard electric hinge - no special power transfer required
- Wires are routed thru the rail (See page 5 for more details)
- Guarded and monitored latch and rail standard
- Power requirements: 1A @ 24VDC regulated/filtered power supply
- Key override capabilities
- Rail projects 1/2" more than standard rail (see page 73)
- Current draw: 0.3 Amp Nominal, 0.9 Amp (max) with optional features

Minimum door widths:

- Wide stile door 31"
- Narrow stile door 29"
- Ability to gang up to 12 doors
- Shipped with decal "emergency exit only. Push until alarm sounds. Door can be opened in 15 seconds"
- Includes ASSA ABLOY's ElectroLynx®, a universal quick-connect system that simplifies the electrification of the door opening
- See MCKINNEY'S transfer device solutions catalog for QC hinge and cable requirements

Installation and maintenance

- Diagnostic LEDs on PC board for easy troubleshooting

Compliance

- Conforms to NFPA 101 special locking arrangements
- Available in UL listed panic and fire-rated (12- option) devices
- UL294 listed for special locking arrangements
- ULC S533 listed for egress door securing and releasing devices

Operation

- Depressing the push rail for one second or longer initiates an alarm
- LED visual notification system for easy identification of armed device; LED lights are field-selectable as red or green
- Momentary or maintained egress with key or from a remote location
- Alarm disabled by key in the rail or by remote reset
- Alarm sounds for 15 seconds during unauthorized egress attempt; after 15 seconds lock releases. 5, 10, 20 or 40 second option available
- Field adjustable nuisance delay (0 or 1 second)
- External inhibit features with authorized egress, card reader access and scheduled delayed egress from access control panel

Mechanical options

| | | |
|--------------------------|------|--|
| Certifications | 12- | Fire Rated |
| | FM- | FEMA Rated |
| | HC- | Hurricane Rated |
| | WS- | Windstorm Rated |
| Cylinder | LC- | Less Cylinder |
| Dogging | 16- | Cylinder Dogging |
| | LD- | Less Dogging |
| Door Type | AD- | Aluminum Doors |
| | MD- | Metal Doors |
| | WD- | Wood Doors |
| | 31- | Thick Doors |
| End Cap | OL- | Overlap End Cap |
| Fasteners | 36- | Security Fasteners |
| | TB- | Thrubolts |
| Finish Protection | CPC- | Clear Powder Coat |
| | SG- | MicroShield |
| Indicator | 18- | Passive Dogging Indicator |
| | 49- | Trim Status Indicator |
| Latching | 14- | Dropdown Bottom Latchbolt (PE8700 only) |
| | GL- | Guarded Latch |
| | NB- | Less Bottom Rod |
| Photoluminescence | PL- | Photoluminescent |
| Rail Force | 5CH- | 5lb Pressure Release |
| Strikes | 23- | Mortise Strike (908 strike) |
| Tactile Warning | 76- | Tactile Warning - Milled Outside Lever |
| | 85- | Tactile Warning - Abrasive Strip on Rail |
| | 86- | Tactile Warning - Abrasive Coating on Outside Lever |
| | 87- | Tactile Warning - Abrasive Strip on Rail & Abrasive Coating on Outside Lever |

Mechanical options (cont.)

PL- PHOTOLUMINESCENCE

SARGuide® – photoluminescent push is a non-electrical option which provides visibility in darkness or low light areas.

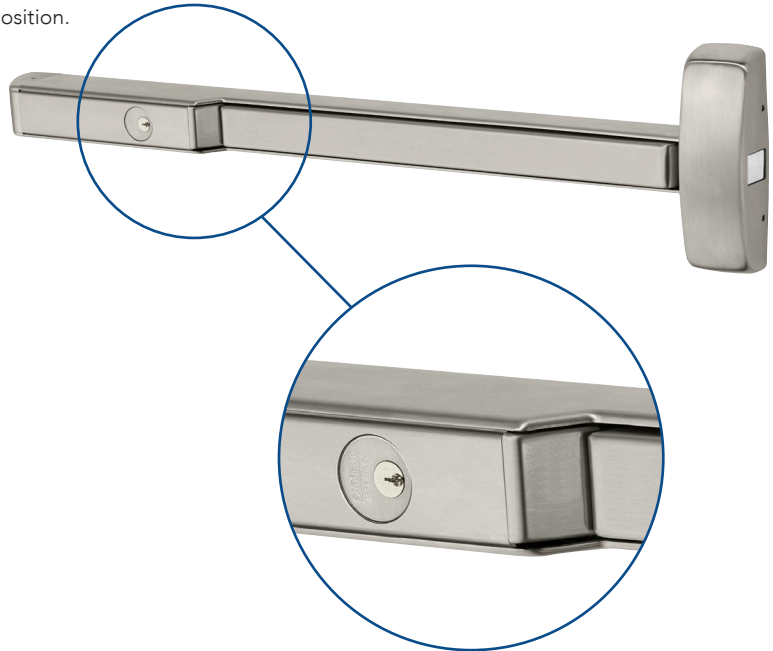
- Approved for use in New York City in accordance with RS 6-1 and RS 6-1A
- Recharges from ambient light
- No wiring or maintenance needed
- Available for all door widths



16- CYLINDER DOGGING

Located in the rail insert, cylinder locks the rail in retracted position.

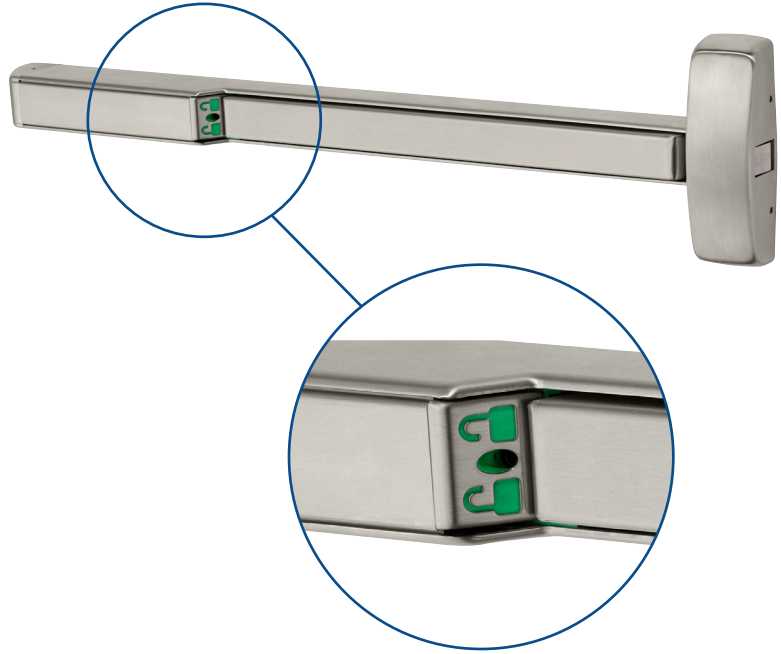
- #41 mortise cylinder included
- Requires a 27" minimum door width
- Not available with Fire-rated, FM-PE8700, 59- and AL-



Mechanical options (cont.)

18- PASSIVE DOGGING INDICATOR

- Unlocked green padlock icon displayed when pushpad is in dogged position
- Indicates dogging status in a subtle way
- Visible from a distance
- Not available with Fire rated devices.



49- TRIM STATUS INDICATOR

- Displays whether the outside trim has been secured by the inside cylinder
- Used on functions when key outside retracts latch and key inside unlocks/locks trim
- Available on PE8816, PE8866 and PE8867 functions only
- Red icon indicates locked
- Green icon indicates unlocked
- Must be ordered less dogging (LD-)
- Uses #44 mortise cylinder



Mechanical options (cont.)

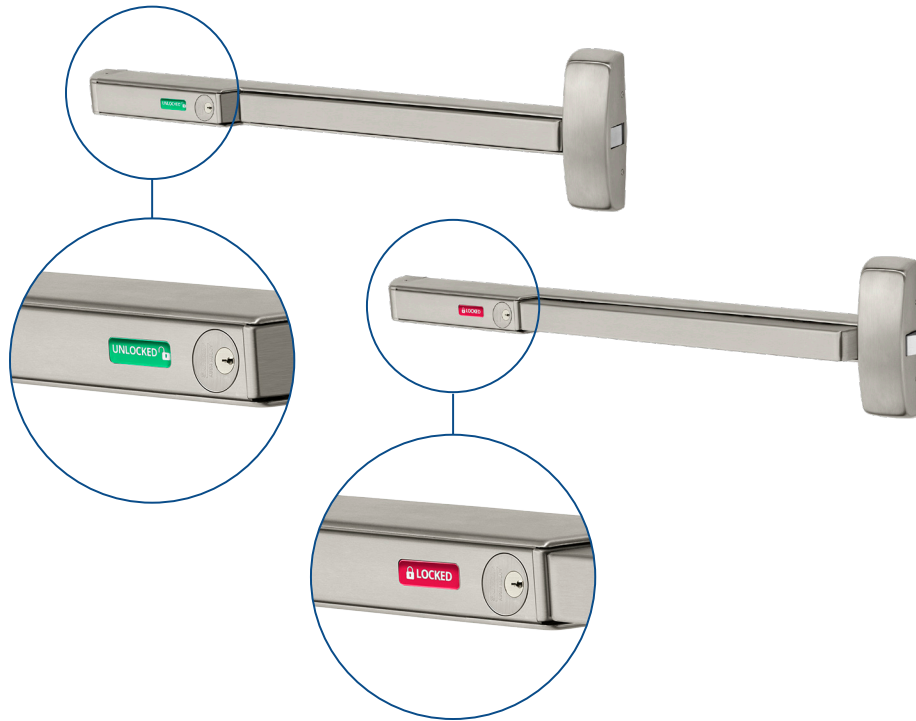
ACTIVE DOGGING INDICATOR

Applications

The Active Dogging Indicator enables facility managers to check door status from within the room, reducing the time needed to confirm the security of each door through easily visible visual confirmation.

During lockdown conditions, the thumb turn cylinder option offers a streamlined method for securing doors in high-stress situations. Additionally, there's an engraving option available, featuring the word "Lock" accompanied by a directional arrow, designed specifically for areas with high occupancy.

- Auditoriums
- Cafeterias
- Gymnasiums
- Hospitals



Features






- Active Dogging Indicator is available with:
 - Hex Key Dogging Indicator
 - Cylinder Dogging Indicator
 - Thumb turn Indicator
- Larger viewing window
- Highly reflective coating indicator to increase visibility in low-light conditions
- Uses mortise cylinder for Cylinder Dogging

Function and Options

- Available to standard rail functions for Narrow (PE8300, PE8400 and PE8500) and Wide Stile (PE8600, PE8700, PE8800 and PE8900) exit devices.
- Available with Electrical Options 53-, 54-, 55- and 55- ERM
- Not available with 12-, 56-, VLR, 58-, 59-, 85-, 87- & AL. Consult factory for BR-, SC- and SE-.
- Compatible with 124, 125, 126 and 127 Thumb Turn Mortise Cylinders. Utilizes 1-1/8" (41) Length.

Mechanical options (cont.)

INDICATOR OPTION CODES

| Active Dogging Indicator Option Codes | | |
|---------------------------------------|---|---|
| Option | Description | |
| V01 | Single Indicator Inside - Unlocked/Locked - Green/Red |  |
| V03 | Single Indicator Inside - Icons Only - Green/Red |  |
| V04 | Single Indicator Inside - Unlocked/Locked - White/Red |  |
| V06 | Single Indicator Inside - Icons Only - White/Red |  |
| EMD | Inside Engraving with "Lock" and Directional Arrow | |
| French Indicator Option Codes | | |
| V01F | Single Indicator Inside – Ouvert/Fermé – Green/Red |  |

ENGRAVING OPTIONS

Engraving is available as EMD option code for all functions when ordered with Active Dogging Indicator Exit Devices.

- Laser engraving with "LOCK" and directional arrow
- Only available in the following finishes: 03,04,32,32D
- Door handing must be specified

HOW TO ORDER EXAMPLES

Device with trim

| Active Dogging Indicator | Options (Cylinder/Mechanical/Electrical) | Device Type | Function Rail Size Trim | Trim | Finish - Trim | Hand | Optional Strikes | Finish-Device | Door Width | Opening Height | AFF |
|---------------------------------|--|-------------|-------------------------|------|---------------|------|------------------|---------------|------------|----------------|---------|
| Hex Key ¹ | V01 | PE8704 | F | WEL | 26D | RHR | 655 | 32D | 36 | Specify | Specify |
| Cylinder Dogging ^{1,2} | V01 16- | | | | | | | | | | |
| Thumb Turn ^{1,2,3} | V01 16- LC- | | | | | | | | | | |

Device only

| Active Dogging Indicator | Options (Cylinder/Mechanical/Electrical) | Device Type | Function Rail Size Trim | Hand | Finish | Door Width |
|---------------------------------|--|-------------|-------------------------|------|--------|------------|
| Hex Key ¹ | V01 | PE8810 | F | RHR | 32D | 36 |
| Cylinder Dogging ^{1,2} | V01 16- | | | | | |
| Thumb Turn ^{1,2,3} | V01 16- LC- | | | | | |

¹ Handing must be specified

² 16- Cylinder Dogging includes #41 mortise cylinder standard. #42 and 43 mortise cylinder sizes available.

³ LC, must order 120 Thumb Turn Series or cylinder separately. Order example: 124-41 32D Reference to cylinder catalog.

Mechanical options (cont.)

THRUBOLT (TB) APPLICATIONS

- Used on rail and chassis
- Used on case and guides (if applicable)
- Not available with PE8400

| Device | Location | Qty. | Door Thickness | |
|--------------------------------------|-----------------------------------|------|----------------|---------|
| | | | 1-3/4" | 2-1/4" |
| PE8700 | Rail & Chassis | 4 | 68-2279 | 68-2280 |
| | Cases & Guides | 10 | 68-2282 | 68-2283 |
| 12-PE8700 HC-PE8700 HC4-PE8700 | Rail, Chassis, Cases, & Guides | 16 | 68-2288 | 68-2289 |
| NB-PE8700 | Rail, Chassis, Case, & Guides | 12 | 68-3943 | 68-2289 |
| PE8600 PE8800 PE8900 | Rail & Chassis | 4 | 68-2279 | 68-2280 |
| PE8300 | Rail & Chassis | 4 | 68-2521 | 68-2570 |
| PE8500 | Rail & Chassis | 4 | 68-2510 | 68-2511 |

PE8300



PE8500



PE8800



PE8900



PE8600



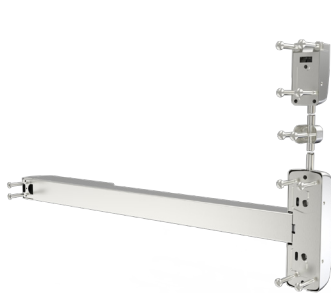
PE8700



12-PE8700
HC-PE8700
HC4-PE8700



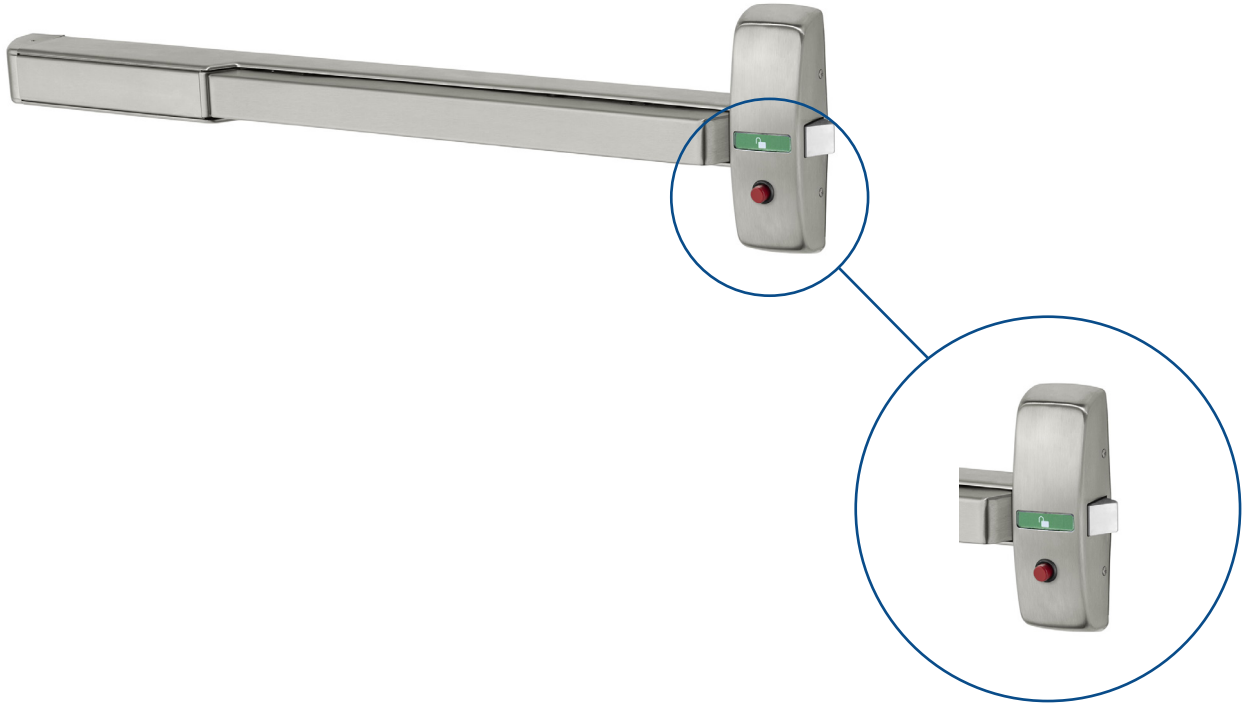
NB-PE8700



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Mechanical options (cont.)

SHELTER PE8867 FUNCTION



Fast and easy lockdown option that disables the trim by making it freewheel instead of retracting the latch. Allows for anyone to place the device into a lockdown mode during an emergency situation.

- Bright red button is easy to identify quickly and easy to push.
- Available with the 49- indicator option which provides clear indication of the shelter in place status.
- Perfect for providing increased safety to higher capacity educational, health care and office spaces.
- Exiting the room/pushing on the push pad, and/or utilizing the override cylinder will return the device to normal operation.
- Compatible with wide and narrow stile trims.
- Trim allows access at all times except when disabled by the shelter function, causing it to freewheel.

Not available with: 18-, 16-, 53-, AL-, GL-, WH, 5CH, HC, Weather Resistant Options

Must be ordered with "LD" option - Not compatible with any dogging options

Mechanical options (cont.)

THICKER DOORS SPECIFICATIONS

Convenient for applications requiring durability, improved insulation, and resilience to heavy use.
Door thicknesses above standard 1-3/4" available over 2.5" to 5" thick based on function limitation below:

Device with Trim

| Device | Stile | Function | Door Thickness |
|--------|--------|----------|----------------|
| RIM | Narrow | PE8504 | Up to 2.5" |
| | Wide | PE8804 | |
| | | PE8816 | |
| | | PE8875 | |
| | | PE8876 | |
| | Narrow | PE8506 | Up to 5" |
| | | PE8510 | |
| | | PE8513 | |
| | | PE8515 | |
| | | PE8573 | |
| | | PE8574 | |
| | Wide | PE8806 | |
| | | PE8810 | |
| | | PE8813 | |
| | | PE8815 | |
| | | PE8873 | |
| | | PE8874 | |
| SVR | Wide | PE8706 | |
| | | PE8710 | |
| | | PE8713 | |
| | | PE8715 | |
| | | PE8773 | |
| | | PE8774 | |

Note: Must specify 31- Option and Trim
How to order:
31- PE8810 F NEL RHR 32D 5"

Device with Auxiliary Control

| Exit Device | Stile | Trim Function | Aux Controls | Door Thickness |
|-------------|-------|---------------|--------------|----------------|
| SVR | Wide | PE8710 | P306/P313 | Up to 4.75" |
| | | PE8773 | P306 | |
| | | PE8774 | | |

Note: Must specify 31- Option and Auxiliary Control.
How to order:
31- PE8710 P306 F RHR 32D 84" 5"

Cylinder options

| Conventional Cylinder | How To Specify | SARGENT Conventional Cylinders Supplied Standard (Unless Otherwise Specified) |
|---|----------------|---|
| Degree Key System | DG1- | Sargent degree key system level 1 (bump resistant with patented keys) |
| | DG1-21- | Degree level 1 construction master keying |
| | DG1-60- | Degree level 1 removable disposable construction core |
| | DG1-63- | Degree level 1 removable core |
| | DG1-64- | Degree level 1 removable construction keyed LFIC |
| | DG1-65- | Degree level 1 unassembled/uncombined core |
| | DG2- | Sargent degree key system level 2 (geographically exclusive; bump and pick resistant) |
| | DG2-21- | Degree level 2 construction master keying |
| | DG2-60- | Degree level 2 removable disposable construction core |
| | DG2-63- | Degree level 2 removable core |
| | DG2-64- | Degree level 2 removable construction keyed LFIC |
| | DG2-65- | Degree level 2 unassembled/uncombined core |
| | DG3- | Sargent degree key system level 3 (geographically exclusive; UL437 certified; bump and pick resistant) |
| | DG3-21- | Degree level 3 construction master keying |
| | DG3-60- | Degree level 3 removable disposable construction core |
| | DG3-63- | Degree level 3 removable core |
| | DG3-64- | Degree level 3 removable construction keyed LFIC |
| | DG3-65- | Degree level 3 unassembled/uncombined core |
| Signature Key System | 10- | Sargent signature key system (not available with other key systems) |
| | 10-21- | Sargent signature construction key system (lost ball) |
| Signature- LFIC | 10-63- | Sargent signature large format interchangeable core cylinder (removable) |
| XC- Key System | 11- | XC key system (not available with other key systems unless specified) |
| | 11-21- | XC- construction key system (lost ball) |
| XC- Large Format Interchangeable Core (Removable Core) | 11-60- | Device accept XC- permanent large format interchangeable core, disposable plastic core- provided |
| | 11-63- | Device provided with XC- large format interchangeable core cylinder (includes masterkeying, grand masterkeying) |
| | 11-64- | Device provided with keyed construction core to accept XC- permanent large format interchangeable Core (ordered separately) |
| XC- Small Format Interchangeable Core | 11-70-7P- | Device accept XC- SFIC (7-Pin) XC- permanent cores, plastic disposable core provided |
| | 11-72-7P- | Device accept XC- SFIC (7-Pin keyed construction core provided) cylinder, permanent core ordered separately |
| | 11-73-7P- | Device provided with XC- Small Format 7-Pin interchangeable core (Includes masterkeying, grand masterkeying) |
| | 11-65-73-7P- | Device provided to accept XC- uncombined 7-Pin SFIC (permanent) Core (packed loose) |

Cylinder options (cont.)

| Conventional Cylinder | How To Specify | SARGENT Conventional Cylinders Supplied Standard (Unless Otherwise Specified) |
|---|----------------|---|
| Construction Key Systems | 21- | Sargent Lost Ball Construction Keying for Conventional, XC and Signature Series (- with 63- or 73-) |
| | 22- | Sargent Construction Split Key System for Conventional Cylinders (Existing Systems Only) (with 10-, 11-, 63- or 73-) |
| Old Style Removable Core | 51- | Removable Core Cylinder (Old Style) provided (existing systems only) |
| | 52- | Removable Construction Core (Old Style) Permanent core ordered separately (existing systems only) |
| Large Format Interchangeable Core (Removable Core) | 60- | Device to accept Sargent Permanent Large Format Interchangeable Core, Disposable plastic Core provided (Permanent Cores ordered separately) |
| | 63- | Device provided with Large Format Interchangeable Core Cylinder (Includes masterkeying, grand masterkeying) |
| | 64- | Device provided with Keyed construction core to accept Permanent Large Format Interchangeable Core (ordered separately) |
| Small Format Interchangeable Core | 70- | Device to accept 6- or 7-Pin SFIC Permanent Cores, plastic disposable core provided |
| | 72- | Device to accept 6- or 7-Pin SFIC (6-Pin Keyed Construction Core provided) Cylinder (Permanent Core ordered separately) |
| | 73- | Device provided with 6-Pin SFIC (Includes masterkeying, grand masterkeying) |
| | 65-73- | Device provided to accept Uncombined 6-Pin SFIC (Permanent) Core (Packed Loose for field keying) |
| | 65-73-7P- | Device provided to accept Uncombined 7-Pin SFIC (Permanent) Core (Packed Loose for field keying) |
| | 73-7P- | Device provided with Small Format 7-Pin Interchangeable Core (Includes masterkeying, grand masterkeying) |
| Keso & Keso F1 | 81- | Device provided with housings to accept Keso (83) & Keso F1 (F1-83-) removable cores. (Permanent Cores ordered separately) |
| | 82- | Device provided with Sargent Keso Security Cylinder |
| | F1-82- | Device provided with Sargent Keso F1 Security Cylinder (Patented) |
| | 83- | Device provided with Sargent Keso Security Removable Core cylinder |
| | F1-83- | Device provided with Sargent Keso F1 Security Removable Core cylinder (Patented) |
| | 84- | Device provided with Sargent Keso Construction Cores (Permanent Cores ordered separately) |
| Added Security | BR- | Bump Resistant Cylinder (Available with Conventional & Conventional XC Cylinders Only) |
| Less Cylinder | LC- | Less Cylinder - Sargent supplies standard blocking rings for 1-1/8" Cylinders (For longer cylinders order collars/rings) |
| Schlage Keyways | SC- | Schlage C keyway cylinder, 0 bitted (not available with: PE8904, PE8916, PE8944, PE8975, PE8976, PE8866, PE8304, PE8344, PE8375 & PE8376. (Contact factory for availability) |
| | SE- | Schlage E keyway cylinder, 0 bitted (not available with: PE8904, PE8916, PE8944, PE8975, PE8976, PE8866, PE8304, PE8344, PE8375 & PE8376.) (Contact factory for availability) |
| Thumb Turn | 127- | 127 Series Thumb Turn Lever Mortise Cylinder (Only available with PE8816) |

Cylinder lengths

| Cylinder No. | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|----|
| Cylinder Length | 1-1/8" | 1-1/4" | 1-3/8" | 1-1/2" | 1-5/8" | 1-3/4" | 1-7/8" | 2" |

| | Function | Lever Trim (P700 Series Auxiliary Control) | | PTB, PSB, STS, MAL, MSL, FLL, FSL, FLW, FSW | |
|---|------------------------------------|---|--------|--|--------|
| | | Door Thickness | | Door Thickness | |
| | | 1-3/4" & 2" | 2-1/4" | 1-3/4" | 2-1/4" |
| Narrow Stile Mortise Exit Device | PE8304 | 46 | 48 | 41 | 43 |
| | PE8313/PE8343 | 41 | 41 | Not Available | |
| | PE8344 | 46 | 48 | Not Available | |
| | PE8363 | Not Available | | 41 | 43 |
| | PE8375/PE8376 | 46 | 48 | Not Available | |
| Narrow Stile CVR Exit Device | All PE8400 | 41 | 41 | Not Available | |
| Narrow Stile Rim Exit | PE8504/PE8544 | 34 | 34 | Not Available | |
| | PE8506/PE8513/PE8543/PE8546 | 41 | 41 | Not Available | |
| Concealed Vertical Rod Exit Devices | All AD, MD & WD8600 | 41 | 41 | Not Available | |
| Surface Vertical Rod Exit Devices | NB/PE8706/PE8713/PE8743/ PE8746 | 41 | 41 | Not Available | |
| | PE8762/PE8763 | Not Available | | 34 | 34 |
| Rim Exit Devices | PE8804 | 34 | 34 | 34 | 34 |
| | PE8806/PE8813/PE8843/PE8846 | 41 | 41 | Not Available | |
| | PE8816 | 34/44* | 34/44* | Not Available | |
| | PE8844 | 34 | 34 | Not Available | |
| | PE8863 | Not Available | | 34 | 34 |
| | PE8866 | Not Available | | 34/*44 | 34/*44 |
| | PE8875/PE8876/PE8877 | 34 | 34 | Not Available | |
| Mortise Lock Exit Devices | PE8904 | 46 | 48 | 41 | 43 |
| | PE8906/PE8913/PE8543 | 41 | 41 | Not Available | |
| | PE8916 | *34/46 | *34/48 | Not Available | |
| | PE8944 | 46 | 48 | Not Available | |
| | PE8963 | Not Available | | 41 | 43 |
| | PE8966 | Not Available | | *41/34 | *43/34 |
| | PE8975/PE8976/PE8977 | 46 | 48 | Not Available | |

* Inside Cylinders

Notes:

- Cylinder sizes & types are limited, as noted: SC- & SE- cylinders are available in size 41
60-, 63- & 64- cylinders are available in sizes 42, 43, 44 & 46
70-, 11-70-, 72-, 11-72-, 73- & 11-73 cylinders are available in sizes 43 & 46
 - SARGENT supplies standard blocking rings. Specify if using competitor cylinders.
 - For rail cylinder sizes & types are limited, as noted #41, 42 and 43
- Note: Cylinder Adapter Kit 68-2063 to use with other manufacturer cylinders. Available to be use with PE8500 functions 04 and 44.

Shim kits

541 SECURITY SHIM KIT

The Sargent 541 Exit Device Security Shim Kit fills the gap between the exit device and the glass creating a flush surface. This kit can be easily trimmed and installed to accommodate most door styles without removing the Sargent push rail exit device. This not only responds to the ever increasing need for improved building security, but also maintains the facility's aesthetic design.

Features and Benefits:

- Available for all device types
- Nylon and brushed aluminum construction can be easily cut and trimmed for custom fit
- Fits all doors up to 48" wide and stiles ranging from 4-1/2" to 6"
- Adjustment shims accommodate gaps from 3/8" to 3/4"
- 6 Lobe tamper proof security screws are included
- T10 Torx driver required for assembly
- Fasteners are countersunk for flush finish
- 541 Kit contains a 48" shim, ready to be sized

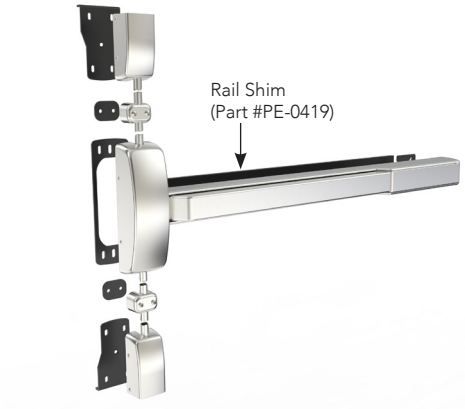


P569 FEMA SHIM KIT

The SARGENT P569 Shim Kit is supplied standard with all FM-PE8700 devices.

Includes:

- One chassis shim and one end cap shim
- One interlocking top case shim
- One bottom case shim
- Two rod guide shims
- Each shim is 1/8" thick
- Available on FM-PE8700 only
- Rail shim is provided separately. Order part # PE-0419
- Finish must be specified with order. Available in EB, ED, EN, EP, EAB, & ERD only



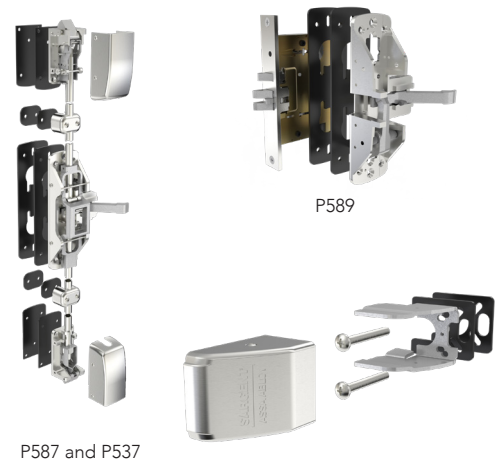
| Kit # | End Cap |
|--------|-------------|
| P569-1 | Flush |
| P569-2 | Overlapping |

Shim kits (cont.)

GLASS BEAD SHIM KITS - WIDE STILE EXIT DEVICES

- Each shim is 1/8" thick
- Lift lever length must be increased for PE8300 and PE8400
- Lift slide length must be increased for PE8600 and 12-PE8600
- Lift lever length must be increased for PE8900 and 12-PE8900
- Shim thickness must not exceed 1/4" (6mm) on PE8900 and 12-PE8900
- Spindles and thrubolt lengths must be increased on PE8700, 12-PE8700, PE8800, 12-PE8800 exits
- Finish must be specified with order. Available in EB, ED, EN, EP, EAB, & ERD only

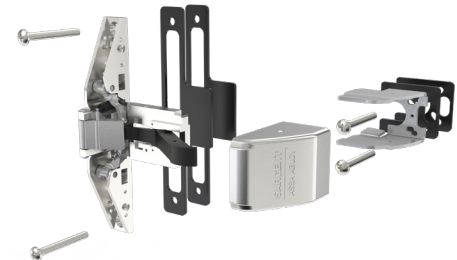
| Kit # | Device | End Cap |
|--------|------------------------|-------------|
| P587-1 | PE8700 | Flush |
| P587-2 | PE8700 | Overlapping |
| P537-1 | 12-PE8700 | Flush |
| P537-2 | 12-PE8700 | Overlapping |
| P589-1 | PE8600, PE8800, PE8900 | Flush |
| P589-2 | PE8600, PE8800, PE8900 | Overlapping |



GLASS BEAD SHIM KITS - NARROW STILE EXIT DEVICES

- Used with PE8300, PE8400, and PE8500 Series devices
- Includes two chassis shims and two end cap shims
- Lift lever length must be increased for PE8300 and PE8400
- Each shim is 1/8" thick
- Finish must be specified with order. Available in EB, ED, EN, EP, EAB, & ERD only

| Kit # | End Cap |
|--------|-------------|
| P668-1 | Flush |
| P668-2 | Overlapping |



P553 END CAP SHIM KIT

- Each shim is 1/8" thick
- To order specify P553 Kit x Finish
- Finish must be specified with order. Available in EB, ED, EN, EP, EAB, & ERD only

| Kit # | End Cap |
|--------|-------------|
| P553-1 | Flush |
| P553-2 | Overlapping |

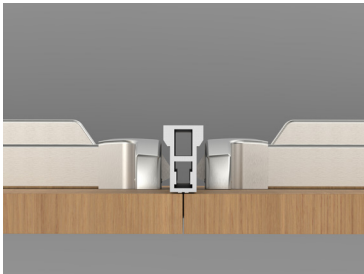
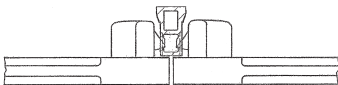
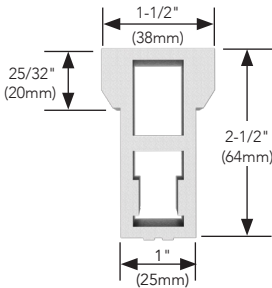


Mullions - aluminum

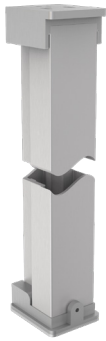
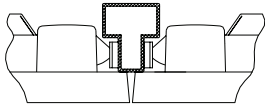
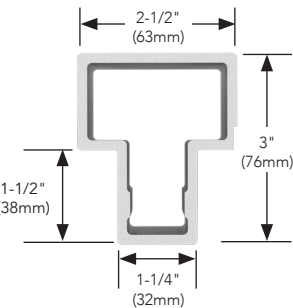
| Aluminum Mullions | | | |
|---------------------------|--|---|--|
| Product Designation | 650A | 980/980A | L980*/L980A* |
| Description | Removable | Removable | Removable, Lockable |
| Finishes | Anodized Satin Aluminum (28) Anodized Bronze (10B) | 980: Gray Paint (21) 980A: Anodized Satin Aluminum (28) 980A: Anodized Bronze (10B) | L980: Gray Paint (21) L980A: Anodized Satin Aluminum (28) L980A: Anodized Bronze (10B) |
| Required Backset - PE8500 | 2" | 2" | 2" |
| Required Backset - PE8800 | 2-3/4" | 2-3/4" | 2-3/4" |
| Standard Height | 96" | 86" | 86" |
| Maximum Optional Height | 120" | 120" | 120" |
| Above Finished Floor | 41" required | 39-5/8" standard | 39-5/8" standard |
| Pre-Prepped | 658 Strike Included | No | No |
| Cylinder Size | Not Applicable | Not Applicable | #41 |
| Shape | 1-1/2" x 2-1/2" | T Shaped 2-1/2" x 3" | T Shaped 2-1/2" x 3" |
| Template # | MEDT77 | 4006 | 4006 |
| Misc. Information | Includes 651 Stabilizers and embed- ded Weather Stripping | | |
| Accessories | Top Retainer 94-2050 Bottom Retainer 94-2051 | Top Retainer - 511 Bottom Retainer - 502 Narrow Transom Adapter - 507 | Mounting Kit (98-2578) Includes: Top Retainer 98-2526 Bottom Retainer 98-2525 Wall Mount - 98-0281 Cylinder Kit 980C1* Latchbolt Assembly Kit - RK980 |

* Cylinder Kits must be ordered separately

650A Mullion



980/980A Mullion and L980/L980A Lockable Mullion

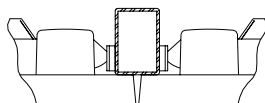
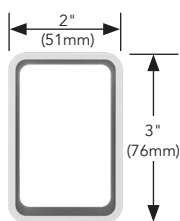


Mullions - steel

| | 9805 | 12-980 | L980S* | 12-L980 | HC980 | HCL980* | 12-HD980* |
|----------------------------------|--|----------------|---|---------------------------------------|--|---|--|
| Description | Standard | Fire Rated | Lockable | Fire Rated, Lockable | Hurricane Rated | Lockable, Hurricane Rated | Heavy Duty |
| Fire-rated | No | Yes | No | Yes | Specify 12-HC980 | Specify 12-HCL980 | Yes |
| Fire-rated Max Height | N/A | 96" | N/A | 96" | 96" | 96" | 120" |
| Finish | Gray Paint (21) | | | | | | |
| Required Backset - PE8500 | 2-3/8" | | | | | | |
| Required Backset - PE8800 | 3-1/8" | | | | | | |
| Standard Height | 86" | 86" | 86" | 86" | 86" | 86" | 120" |
| Maximum Optional Height | N/A | 120"*** | 120" | 120"*** | 96" | 96" | 120" |
| Pre-Prepped | No | No | No | No | No | No | No |
| Cylinder Size | Not Applicable | Not Applicable | #41 Standard (#42 & #43 available) | #41 Standard (#42 & #43 available) | Not Applicable | #41 Standard (#42 & #43 available) | Not Applicable |
| Shape | Rectangular 2" x 3" | | | | | | |
| Template # | 4206 | 4206 | 4206 | 4206 | 4627 | 4627 | 4627 |
| Misc. Information | | | | | | | Includes two piece strikes. |
| Accessories | Top Retainer - 98-2190 Bottom Retainer - 98-2191 Top Retainer Shim Kit - 601 | | Mounting Kit (98-2579) Includes: Top Retainer - 98-2559 Bottom Retainer - 98-2556 Wall Mount - 98-0281 Top Retainer Shim Kit - 601 Cylinder Kit - 980C1* | | Top Retainer Pack - 98-2599 Bottom Retainer Pack - 98-2600 Top Retainer Shim Kit - 601 | Top Retainer Pack - 98-2594 Bottom Retainer Pack - 98-2593 Top Retainer Shim Kit - 601 Cylinder Kit - 980C1* | Top Retainer Pack - 98-2599 Bottom Retainer Pack - 98-2600 Top Retainer Shim Kit - 601 |

*Cylinder Kits must be ordered separately.

** Must be cut to 96" in field to maintain fire rating



9805/12-980



L980S/12-L980S



HC980/12-HC980/12-HD980



HCL980/12-HCL980

Split mullions - steel

| Product Designations | SM980S | SML980S | SMEL980 |
|----------------------|--|--|---|
| Description | Standard Mullion | Lockable | Electrical Lockable |
| Material | Steel | Steel | Steel |
| Finish | Gray Paint | Gray Paint | Gray Paint |
| Stk Size | 96" | 96" | 96" |
| Max Stk Height | 96" | 96" | 96" |
| Pre-prepped | No | No | No |
| Cylinder Size | Not Required | #41 Std (#42 & #43 available) | #46 Only |
| Shape | Rectangular 2" x 3" | Rectangular 2" x 3" | Rectangular 2" x 3" |
| Misc. Information | Not fire rated | Not fire rated | Not fire rated |
| Accessories | Top Ret Pack - 98-2190 Bottom Ret Pack - 98-2191 Top Retainer Shim Kit - 601 | Wall Mounting Kit - 98-2579 Top Ret Pack - 98-2559 Bottom Ret Pack - 98-2556 Top Retainer Shim Kit - 601 Cylinder Kit - 980C1* Split Mullion Screw Pack - 98-2029 | Top Ret Pack - 98-2558 Bottom Ret Pack - 98-2556 For use with Electric Strikes and Monitoring, Quick Connect Wiring Supplied Cylinder Kit - 980C2* Split Mullion Screw Pack - 98-2029 |

*Note: Cylinder Kits must be ordered separately



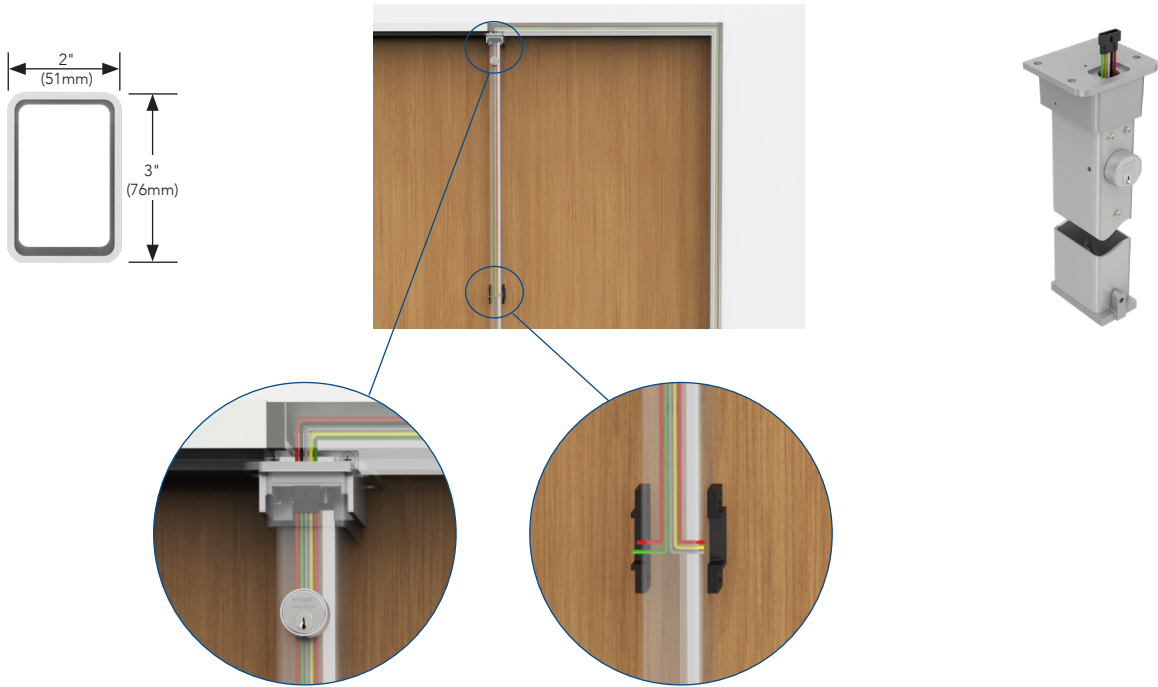
SM980S/
SML980S

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Mullions - steel electrified

| | EL980* |
|---------------------------|--|
| Description | Electrified, Lockable |
| Fire-Rated | No |
| Finish | Gray Paint (21) |
| Required Backset - PE8500 | 2-3/8" |
| Required Backset - PE8800 | 3-1/8" |
| Standard Height | 86" |
| Maximum Optional Height | 120" |
| Pre-Prepped | No |
| Cylinder Size | #46 only |
| Shape | Rectangular 2" x 3" |
| Template # | 4206 |
| Misc. Information | For use with Electric Strikes and Monitoring, Quick Connect Wiring Supplied |
| Accessories | Mounting Kit (98-2580) Includes: Top Retainer - 98-2558 Bottom Retainer - 98-2556 Wall Mount - 98-0281 Cylinder Kit - 980C2* |

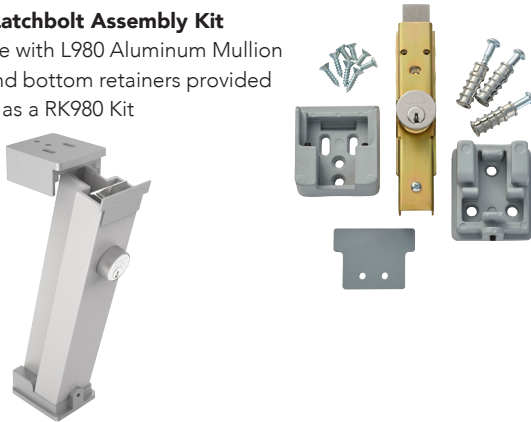
*Cylinder Kits must be ordered separately.



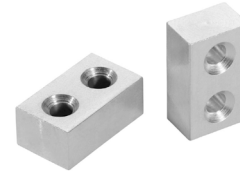
Mullion accessories

RK980 Latchbolt Assembly Kit

- For use with L980 Aluminum Mullion
- Top and bottom retainers provided
- Order as a RK980 Kit


651 Mullion Stabilizer Kit

- Stabilizer block
- Reduces movement in mullion when door is closed/shaken, which could prevent latch from engaging the strike
- Furnished standard w/650A Mullion
- Order as a 651 Kit


507 Narrow Transom Bars Adapter

- Available with 980 and 980A
- Required when soffit is 1-1/4" (32mm) to 2" (51mm) wide
- Order as a: 507 for 980 mullion or 507A for 980A mullion


601 Mullion Shim Kit

- For use with steel mullions
- Includes two shims
- Order as a 601 Kit



LOCKABLE MULLION CYLINDER KITS


980C1 Cylinder Mullion Kit

- L980, L980A, L980S, HC-L980, SM980S, SML980S only
- Available with these options: 10, 10-21-, 10-63-, 11-, 11-21-, 11-60, 11-63-, 11-64-, 11-72-7P-, 11-65-73-7P-, 11-73-7P-, 21-, 22-, 60-, 63-, 64-, 70, 72-, 73-, 65-73-, 65-73-7P-, 73-7P-, 81-, 82-, F1-82-, 83-, F1-83-, 84-, SC- and SE-
- Includes cylinder and collar
- 32D and 10B finish only

980C2 Cylinder Mullion Kit

- EL980 and SMEL980
- Available with these options: 10, 10-21-, 10-63-, 11-, 11-21-, 11-60, 11-63-, 11-64-, 11-72-7P-, 11-65-73-7P-, 11-73-7P-, 21-, 22-, 60-, 63-, 64-, 70, 72-, 73-, 65-73-, 65-73-7P-, 73-7P-, 81-, 82- and F1-82-
- Includes cylinder and collar
- 32D finish only

MOUNTING KITS

98-2578

- For use with L980 & L980A mullions
- Includes top & bottom retainers, screw packet, and wall mount bracket
- Order as 98-2578

**98-2579**

- For use with L980S, 12-L980, SM980S & SML980S mullions
- Includes top & bottom retainers, screw packet, and wall mount bracket
- Order as 98-2579

**98-2580**

- For use with EL980 & SMEL980 mullions
- Includes top & bottom retainers, screw packet, and wall mount bracket
- Order as 98-2580



TOP RETAINERS

511

- For use with 980/980A mullions
- Order as 511

**94-2050**

- For use with 650A mullions
- Order as 94-2050

**98-2190**

- For use with 980S, 12-980 & SM980S mullions
- Order as 98-2190

**98-2526**

- For use with L980 & L980A mullions
- Order as 98-2526

**98-2558**

- For use with EL980 & SMEL980 mullions
- Order as 98-2558

**98-2559**

- For use L980S, 12-L980 & SML980S mullions
- Order as 98-2559

**98-2594**

- For use with HCL980 mullions
- Order as 98-2594

**98-2599**

- For use with HC980 and 12-HD980 mullions
- Order as 98-2599



Mullion accessories

BOTTOM RETAINERS

502

- For use with 980/980A mullions
- Order as 502



94-2051

- For use with 650A mullions
- Order as 94-2051



98-2191

- For use with 980S, 12-980 & SM980S mullions
- Order as 98-2191



98-2525

- For use with L980 & L980A mullions
- Order as 98-2525



98-2556

- For use with L980S, 12-L980, SML980S, EL980 & SMEL980 mullions
- Order as 98-2556



98-2593

- For use with HCL980 and 12-HD980 mullions
- Order as 98-2593



98-2600

- For use with HC980 mullions
- Order as 98-2600



WALL MOUNTS

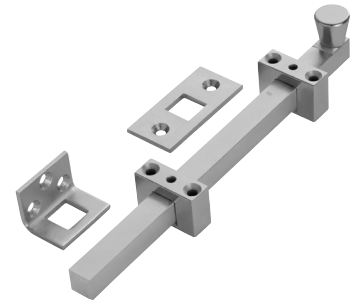
98-0281

- For use on all mullions
- Order as 98-0281



988 SURFACE BOLT KIT

- Designed for severe windload (Hurricane Code) environments where surface bolts are required (e.g., on inactive doors)
- Tested to Dade County protocols
- Listed to UL10C for use on fire-rated door assemblies. Refer to codes for locations where surface bolts are allowed on fire doors
- All steel construction for maximum strength and heavy duty use
 - Full 3/4" (19mm) square
 - 12" (305mm) bolt with 1-1/4" (32mm) throw
 - Bright zinc-plated finish
 - Jimmy-resistant design locks bolt automatically when thrown; released by pressing knob toward door while retracting
 - Bolt can be locked in retracted or thrown position
- Angle (L shaped) and mortise strike with mounting hardware supplied standard.
- Order as: 988 Surface Bolt
- Notes:
 - Standard size is 12" (305mm) bolt with 1-1/4" (32mm) throw
 - Optional sizes available. Specify 988-1 (18") or 988-2 (24") lengths



546 WIRING HARNESS

- Harness allows for remote control of the alarmed exit device
- Remote Alarm Reset—reset from remote location
- External Inhibit – shunts alarm from remote location
- Remote Power – allows unit to be wired to a 9VDC, 300mAh power supply
- Remote Monitor – allows unit to be wired to remote console
- Order as:
 - 546-F - Wiring Harness for F-Size Rails
 - 546-G - Wiring Harness for G-Size Rails
 - 546-J - Wiring Harness for J-Size Rails



LSP-12-24 POWER SUPPLY

Operation

LifeSafety Power supplies are designed to provide reliable filtered and regulated power for long life to a variety of electrified hardware components. Recommended for the 58-, 56-, 59- exit devices option and electric trim.

Features

- Selectable voltage output between 12V and 24V with a single switch
- Internal Back-Up battery charging circuit *
- Regulated and filtered, fuse protected outputs
- Each output can be individually turned on and off via a jumper
- Power status of each output is shown by an LED
- Rugged steel enclosure
- Fire alarm interface included – Dry contacts NO/NC, 9-33VDC, 3-15mA

Electrical Specifications

- Inputs: 120VAC
- Outputs: 12VDC @ 6 Amp or 24VDC @3 Amp
- 8 Total Outputs

Listings

- UL294, UL603, UL1076
- ULC S318, ULC S319

Applications

- 59- Delayed Egress
- 58- Electric Dogging
- EcoFlex® Electrified Trim
- 56- Motorized Electric Latch Retraction

*Note: Batteries are not included with the power supply



| Model No. | DESCRIPTION |
|----------------------|-------------------------|
| LSP-12-24 12V – 6AMP | 24V – 3AMP Power Supply |

EXIT DEVICE FINISHES

| SARGENT | ANSI/ BHMA | Description | |
|---------|---------------|--|---|
| 03 | 605 | Polished brass, clear coated |  |
| 04 | 606 | Satin brass, clear coated |  |
| 09 | 611 | Polished bronze, clear coated |  |
| 10 | 612 | Satin bronze, clear coated |  |
| 10B | 613 | Oxidized bronze, oil rubbed |  |
| 10BE | 613E | Dark oxidized satin bronze, equivalent |  |
| 10BL | 614 | Oxidized satin, bronze, clear coated |  |

| SARGENT | ANSI/ BHMA | Description | |
|---------|---------------|-------------------------------|---|
| 14 | 618 | Polished nickel, clear coated |  |
| 15 | 619 | Satin nickel, clear coated |  |
| 32 | 629 | Polished stainless steel |  |
| 32D | 630 | Satin stainless steel |  |
| BSP | — | Black suede powder coat |  |
| WSP | — | White Suede powder coat |  |

MICROSHIELD®

ASSA ABLOY Group companies offer MicroShield®, an anti-microbial coating for door hardware. MicroShield uses proven silver ion-based technology from Agion®, a leading provider of antimicrobial solutions, to stem the spread of bacteria and other microbes.

MicroShield® is a trademark of ASSA ABLOY Access and Egress Hardware Group, Inc.

MICROSHIELD® COATING

- Revolutionary finish coating available on all SARGENT product lines, utilizes a silver-based antimicrobial compound from Agion Technologies
- As an integral part of the finish coating, MicroShield lasts for the life of the hardware
- MicroShield coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. It is effective against a broad spectrum of bacteria.
- Non-toxic and completely safe. The Agion antimicrobial compound is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.
- Applications: Anywhere there is need for a clean environment (hospitals, laboratories, schools, medical centers, daycare, food processing etc.)



The Agion antimicrobial is not intended as a substitute for good hygiene. Coated products must still be cleaned to ensure the surfaces will be free of destructive microbes. ASSA ABLOY makes no representations or warranties, express or implied, as to the efficacy of the Agion antimicrobial. A copy of the Agion warranty is available upon request. Agion is a registered trademark of Agion Technologies, Inc., Wakefield, MA, USA.

Finishes (cont.)

TRIM FINISHES

| SARGENT | ANSI/ BHMA | Description | | SARGENT | ANSI/ BHMA | Description | |
|---------|---------------|--|---|---------|---------------|----------------------------|---|
| 03 | 605 | Polished brass, clear coated |  | 15 | 619 | Satin nickel, clear coated |  |
| 04 | 606 | Satin brass, clear coated |  | 26 | 625 | Polished chrome |  |
| 09 | 611 | Polished bronze, clear coated |  | 26D | 626 | Satin chrome |  |
| 10 | 612 | Satin bronze, clear coated |  | 32 | 629 | Polished stainless steel |  |
| 10B | 613 | Oxidized bronze, oil rubbed |  | 32D | 630 | Satin stainless steel |  |
| 10BE | 613E | Dark oxidized satin bronze, equivalent |  | BSP | — | Black suede powder coat |  |
| 10BL | 614 | Oxidized satin, bronze, clear coated |  | WSP | — | White Suede powder coat |  |
| 14 | 618 | Polished nickel, clear coated |  | | | | |

- Notes:
- FLW and FSW are not available in 32 or 32D.
 - Pulls and thumb piece trims are not available in 14, 15, 26 or 26D except FLW and FSW which are available in 14 and 15.

CYLINDER FINISHES

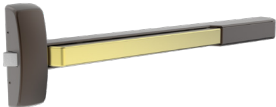







| Trim Finish | Cylinder/Core* |
|--------------------------------------|----------------|
| 03, 04, 09, 10, 10B, 10BE, 10BL, 20D | 04 |
| 14, 15, 26, 26D, 32D, WSP | 15 |
| BSP | BSP |

SPECIAL COATINGS

| Description | Option code |
|------------------------------------|-------------|
| Clear Powder Coat | CPC |
| Microshield® antimicrobial coating | SG |







Finishes (cont.)

MIXED FINISHES

| SARGENT | Rail Mount, Chassis Cover, End Cap, Dogging Scalp, Insert | Pushbar | |
|---------|---|-------------------------------|---|
| 10B04 | Oxidized bronze, oil rubbed | Satin brass, clear coated |  |
| 32DBSP | Satin stainless steel | Black suede powder coat |  |
| 32DERD* | Satin stainless steel | Red powder coat |  |
| BSP04 | Black suede powder coat | Satin brass, clear coated |  |
| BSP09 | Black suede powder coat | Polished bronze, clear coated |  |
| BSP32D | Black suede powder coat | Satin stainless steel |  |
| BSPERD* | Black suede powder coat | Red powder coat |  |
| WSPBSP | White suede powder coat | Black suede powder coat |  |

* Available with AL- only

SHIM KIT FINISHES

| SARGENT | ANSI/ BHMA | Description | | SARGENT | ANSI/ BHMA | Description | |
|---------|------------|--|---|---------|------------|---|---|
| EB | 690 | Sprayed bronze enamel or polyester powder coated to match finish 10B |  | EP | 691 | Sprayed bronze enamel or polyester powder coated to match finish 10 |  |
| ED | 693 | Sprayed black enamel or polyester powder coated to match finish 20D |  | EAB | 696 | Bronze enamel or polyester powder coated to be used with brass finishes |  |
| EN | 689 | Sprayed aluminum enamel or polyester powder coated |  | ERD | | Red powder coat |  |

How to order

SARGENT®**ASSA ABLOY**

| Options (Cylinder/ Mechanical) | Device Type | Function | Rail Size | Trim | Finish - Trim | Hand | Optional Strike | Finish - Device | Door Width | Opening Height | AFF |
|-----------------------------------|----------------|----------|--------------|------|------------------|------|--------------------|--------------------|---------------|-------------------|---------|
| 56- | HC-PE87 | 10 | F | WEL | 15 | RHR | 655 | 32DBSP | 36 | Specify | Specify |

| Options - Cylinder |
|--------------------|
| See page 101-103 |

| Options - Mechanical & Electrical |
|---|
| 12- Fire Rated |
| 14- Dropdown Bottom Latchbolt (PE8700 only) |
| 16- Cylinder Dogging |
| 23- Mortise Strike (908 strike) |
| 31- Thick Doors |
| 36- Security Fasteners |
| 53- Latch Bolt Monitoring |
| W53- Weather Resistant Latchbolt monitoring switch (not available with 59-option) |
| 54- Lever Monitoring |
| W54- Weather Resistant Lever monitoring switch (not available with 59-option) |
| 55- Rail Monitoring |
| W55- Weather Resistant Request to exit - signal switch in rail (not available with 59-option) |
| 55-ERM- Double Touchbar Monitoring |
| W55-ERM Weather Resistant Double Touchbar Monitoring |
| 56- Electric Latch Retraction |
| HK- Electrified Exit Device with Manual Hex Key Dogging |
| 58- Electric Dogging |
| 59- Self Contained Delayed Egress |
| 5CH- 5lb Pressure Release |
| 76- Knurling - Milled Outside Lever |
| 85- Abrasive Strip on Rail |
| 86- Abrasive Coating on Outside Lever |
| 87- Abrasive Strip on Rail & Abrasive Coating on Outside Lever |
| AD- Aluminum Doors |
| AL- Alarmed Exit |
| CPC- Clear Powder Coat |
| FM- FEMA Rated |
| GL- Guarded Latch |
| HC- Hurricane Rated |
| LC- Less Cylinder |
| LD- Less Dogging |
| MD- Metal Doors |
| NB- Less Bottom Rod |
| OL- Overlap End Cap |
| PL- Photoluminescent |
| SG- MicroShield |
| TB- Thrubolts |
| VLR- Latch Retraction Override |
| WD- Wood Doors |
| WH- Weep Holes |
| WR- Wire Harness |
| WS- Windstorm Rated |

| Device |
|-----------------------------|
| PE83 Mortise - Narrow Stile |
| PE84 CVR - Narrow Stile |
| PE85 Rim - Narrow Stile |
| PE86 CVR - Wide Stile |
| PE87 SVR - Wide Stile |
| PE88 Rim - Wide Stile |
| PE89 Mortise - Wide Stile |

| Function |
|--|
| 04 Night latch-key retracts latch |
| 06 Key unlocks trim |
| 10 No outside operation |
| 13 Key outside unlocks/locks trim |
| 15 Passage only |
| 16 Key outside retracts latch; key inside unlocks/locks o/s trim |
| 28 Passage only |
| 40 Freewheeling trim - no outside operation (dummy trim) |
| 43 Freewheeling trim - key outside unlocks/locks trim |
| 44 Freewheeling trim - key retracts latch |
| 46 Freewheeling trim - key unlocks trim |
| 62 Key unlocks thumbpiece |
| 63 Key outside unlocks/locks thumbpiece |
| 66 Key outside retracts latch; key inside unlocks/locks trim |
| 73 Electrified lever trim - fail safe power off, unlocks lever |
| 74 Electrified lever trim - fail secure power off, locks lever |
| 75 Electrified lever trim - fail safe power off, unlocks lever |
| 76 Electrified lever trim - fail secure power off, locks lever |
| 88 Multi-Function Exit Device (PE8800 only) |
| 93 Decorative, Static Pushbar |
| 95 Active Dummy Rail |

| Rail Size |
|-----------------------------------|
| E 26" to 32" (66 cm to 81 cm) |
| F 32.5" to 36" (84 cm to 91 cm) |
| J 36.5" to 42" (94 cm to 107 cm) |
| G 42.5" to 48" (110 cm to 122 cm) |

| Trim |
|-------------------------------------|
| FLL/FSL Pull Trim |
| FLW/FSW Pull Trim |
| MAL/MSL Pull Trim |
| STS Pull Trim |
| PTB/PSB Pull Trim |
| 802-PTB Cover Plate |
| 821 No Protective Lip & No Cylinder |
| 824 Protective Lip & Cylinder |
| 826 No Protective Lip & Cylinder |
| 827 Protective Lip & No Cylinder |
| 862 10" Pull (4" wide) |
| 863 18" Pull |
| 864 10" Pull (3-1/2" wide) |
| P700 NEx Narrow Stile Lever Trim |
| P700 WEx Wide Stile Lever Trim |
| P100 CVR Auxiliary Control |
| P300 SVR Auxiliary Control |
| Levers See pages 78-83 |

Finish - Trim (See page 116)

| Hand |
|------------------------|
| LHR Left Hand Reverse |
| RHR Right Hand Reverse |

| Strikes |
|----------------------------|
| 604 Wear plate |
| 606 Bottom strike |
| 613 Half mortised strike |
| 624 Bottom strike |
| 639 Top strike |
| 640 Top and bottom strike |
| 642 Mortised strike |
| 644 Door pairs w/o mullion |
| 646 Top strike |
| 649 Surface strike |
| 650 Top strike |
| 652 Top and bottom strike |
| 653 Bottom strike |
| 654 Top strike |
| 655 Bottom strike |
| 656 Surface strike |
| 657 Blade stop strike |
| 658 650A mullion strike |
| 659 Top strike |
| C908 Curved lip strike |
| 815 Open back strike |
| 908 Flat lip strike |

Finish - Device (See page 115 and 117)

| Door Width |
|------------|
| Specify |

| Opening Height |
|----------------|
| Specify |

| AFF |
|---------|
| Specify |

| Status Indicators |
|--|
| 18- Passive Dogging Indicator |
| 49- Trim Status Indicator |
| V01 Single Indicator Outside - Unlocked/Locked - Green/Red |
| V03 Single Indicator Inside - Icons Only - Green/Red |
| V04 Single Indicator Inside - Unlocked/Locked - White/Red |
| V06 Single Indicator Inside - Icons Only - White/Red |
| EMB Inside Engraving with "Lock" and Directional Arrow |
| V01F Single Indicator Outside - Ouvert/Fermé - Green/Red |

How to order (cont.)

HOW TO ORDER WITH GRAMERCY SERIES LEVERS

| | | | | | | Gramercy Lever information | | | | | | | | | |
|---------|--------|----------|-----------|------|-------------|----------------------------|---|----|----|--------------------------------|-----------------|---------------|------------|--------------------------|----------------------|
| Options | Series | Function | Rail Size | Trim | Trim Finish | Lever | Trim - Finish | | | Hand | Optional Strike | Device Finish | Door Width | Opening Height | AFF |
| | | | | | | Leather insert | Bright stainless steel with brown leather | | | RHR RH, LHR, or LH | | | | For vertical rod devices | Above Finished Floor |
| 10- | PE87 | 73 | F | B | BSP | RAL | 29 | BN | 29 | RH | 655 | 32D | 36" | 84" | 39-5/8" |

Architectural specifications

- A. Exit devices shall be PE80 Series push rail devices as manufactured by SARGENT Manufacturing Company, New Haven, CT.
- B. Exit devices shall be certified to meet or exceed the requirements of ANSI/BHMA A156.3 Grade 1.
- C. Exit devices shall be listed by Underwriters Laboratories for panic and bear the UL label for life safety in full compliance with NFPA 80 and NFPA 101. Exit devices for fire labeled doors shall be UL listed as "Fire Exit Hardware".
- D. Exit Devices shall be certified to meet the requirements of ANSI/BHMA A156.41, Door Hardware Single Motion To Egress.
- E. Provide standard hex key dogging on non fire-rated exit devices, with cylinder dogging (i.e., SARGENT 16- option) as an option.
- F. Exit devices shall comply with UL 10C positive pressure requirements.
- G. Construction:
 - 1. Chassis shall be of heavy duty cast design with one piece drawn nonferrous removable covers matching the material of the push and mounting rails.
 - 2. Stamped steel chassis are not acceptable.
 - 3. Mounting rails shall be formed from a single piece of stainless steel, brass or bronze no less than 0.060 inches thick.
 - 4. Push rails shall be constructed of 0.060 inch thick material in the same manner as the mounting rail. Painted or anodized aluminum shall not be considered heavy duty and are not acceptable.
 - 5. Metal end caps shall be formed from the same base metal as the push and mounting rails.
 - 6. No visible fasteners on the rail, including top, bottom and back of the rail.
 - 7. No visible plastic
 - 8. Hex key dogging must be hidden.
 - 9. The exit device must not have any catchpoints.
 - 10. Provide center case adjustability for CVR.
 - 11. End caps shall be either flush or overlapping and be manufactured from stainless steel, brass, or bronze using matching architectural finishes. The end cap mounting bracket should be manufactured from steel.
 - 12. Easy wire routing, available for retrofit to existing or new holes
- H. Exit devices shall have a maximum of 3.1 inches projection from the face of the door in the non-dogged position.
- I. The design of the exit device shall eliminate the necessity of removing the device from the door for standard maintenance or keying changes.
- J. The device chassis shall be mounted and operable without the need of the rail or the chassis cover.
- K. Trim shall be through-bolted through the door.
- L. Devices shall be available with matching trim for both wide and narrow stile doors, including electrified functions when required.
- M. Exit device operating lever trim shall withstand 1000 inch pounds of torque without allowing access.
- N. Lever trim shall be available in architectural finishes and designs to match that of the locksets specified.
- O. Provide electrified exit devices with ElectroLynx® standardized plug connectors to accommodate up to twelve wires.
- P. Plug connectors shall plug directly into ElectroLynx® through-door wiring harnesses for connection to electric transfer hinge and power supplies.
- Q. Provide sufficient number of concealed wires to accommodate electric function of specified hardware.
- R. Exit devices shall have a ten year limited warranty.

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SARGENT ASSA ABLOY

ANNOUNCEMENT

Price Book No. 37

USA & Canada Prices Effective September 19, 2022

THIS PRICE BOOK SUPERSEDES AND TAKES PRECEDENCE OVER ANY OF OUR PRODUCT CATALOGS IN TERMS OF PRODUCT AVAILABILITY.


CONTACT SARGENT MANUFACTURING CO. FOR PRICES AND AVAILABILITY OF NON-STANDARD AND SPECIAL ITEMS NOT LISTED IN THIS PRICE BOOK

Experience a safer and more open world

Price Book

SARGENT ASSA ABLOY

PE80 Series Exit Device Parts Manual



WARNING

For assistance, contact SARGENT at 800-727-5477 or www.sargentlock.com

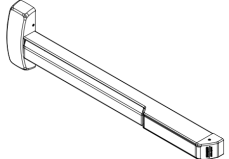
Experience a safer and more open world

Parts Manual

SARGENT ASSA ABLOY

Installation Instructions

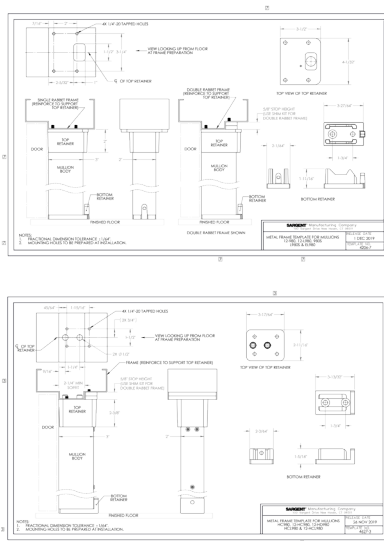
Dummy Rail
PE8893 & PE8895 Exit Devices



WARNING

Experience a safer and more open world

Installation Instructions



Templates

SARGENT ASSA ABLOY

PE80 Series Exit Device Frequently Asked Questions

Can I retrofit PE80 Series exit device to my existing 80 Series exit device?

Can I order mechanical dogging on a fire rated device?

What is the difference between the PE80 Series NE narrow trim and WE wide trim?

Does the PE80 Series exit device offer the same mechanical and electrical options as the existing 80 Series exit device?

Is the AFF (above finished floor) same as current 80 Series exit device?

Does the PE80 Series exit device have the same Windows ratings as the 80 Series exit device?

Can I cut my PE80 Series exit device to size in the field?

Can I cut the hole to size in the field by using the new cutting guide included in the installation instructions?

Are devices with Alarm (AL) and Delayed Egress (DE) options available for the PE80 Series exit device?

Can I order the PE80 Series exit device with the same functions as the 80 Series exit device?

Is the PE80 Series trim re-handling method the same as the 80 Series trim?

Is the motor for the PE80 Series Escutcheon™ trim field replaceable?

Are the concealed vertical rods for the PE80 Series adjustable?

Can I order the PE80 Series exit device with the same functions as the 80 Series exit device?

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Frequently Asked Questions



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