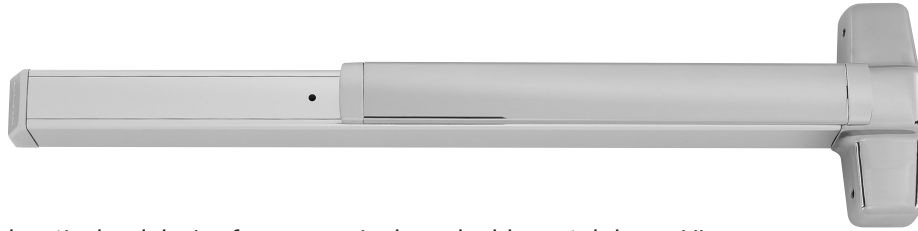


# 9847/9947 Concealed vertical rod device



9847/9947 Concealed vertical rod device for use on single or double metal doors, UL listed for panic exit hardware. These are certified to ANSI/BHMA A156.3 2014, Grade 1. The 9847 device has a smooth mechanism case and the 9947 device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: SD (special dogging), or SS (signal switch).

### Specifications

|                                       |   |
|---------------------------------------|---|
| Device functions                      | Device ships EO/DT/NL; Field selectable;<br>For TP, K or L remove NL drive screw from device.   |
| Device lengths                        | 2' 2' (610mm) Door size<br>3' 2'4" to 3' (711mm to 914mm) Door size<br>4' 2'10" to 4' (864mm to 1219mm) Door size   |
| Device centerline from finished floor | 39 5/8" (1006 mm) Standard<br>Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)   |
| Center case                           | 8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)  |
| Mechanism case                        | 2 1/4" x 2 1/4" (57mm x 57mm)   |
| Projection                            | Pushbar neutral – 3 13/16" (97mm)<br>Pushbar depressed – 3 1/16" (78mm)   |
| Latch bolt                            | Deadlocking top and bottom bolt, 5/8" (16mm) throw  |
| Door undercut                         | 1/4" (7mm) recommended  |
| Top and bottom latch case             | 4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)  |
| Vertical rods                         | Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm). Bottom rod adjustable 35 5/8" (905mm) to 49 5/8" (1260mm). Extension rod kits available for doors over 8'4" (2533mm). |
| Finishes                              | 605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)   |
| Fasteners and sex bolts (SNB)         | Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal doors (Optional 425 SNB available)   |

### Features and options

#### Electrified options

- LX** Latch bolt monitor switch
- RX** Request to exit
- RX2** Double request to exit
- E** Electric locking and unlocking trim
- EL** Electric latch retraction
- QEL** Quiet electric latch retraction
- SS** Signal switch
- CX** Chexit delayed exit
- ALK** Alarm exit kit
- WP-RX** Waterproof request to exit
- CON** Allegion Connect

#### Mechanical options

- GBK** Glass bead kit
- LBR** Less bottom rod
- PL** Pullman latch
- PN** Pneumatic latch retraction
- SNB** Sex bolts
- SEC** Security screws
- WH** Weep holes

#### Dogging feature

Hex key dogging standard

#### Dogging options

- CD** Cylinder dogging
- CD-CX** Chexit cylinder dogging
- CDSI** Cylinder dogging with security indicator
- HDSI** Hex dogging with security indicator
- SD** Special center case dogging
- LD** Less dogging
- DI** Dogging indicator
- CI** Cylinder dogging indicator

#### Strikes

- Top – 338** – Unfinished
- Bottom – 385A** – Unfinished

### Accessories



# Nomenclature – how to order

| Prefix | Device series/type |      | Trim/rating |     | Suffix/finish |       | Door width | Handing | Less bottom rod/cable | Trim options/finish | Lever style | Accessories | Other information |
|--------|--------------------|------|-------------|-----|---------------|-------|------------|---------|-----------------------|---------------------|-------------|-------------|-------------------|
| 1      | 2                  | 3    | 4           | 5   | 6             | 7     | 8          | 9       | 10                    | 11                  | 12          | 13          | 14                |
| QEL    | - 98               | - 27 | - L         | - F | -             | - 626 | - 3'       | - RHR   | - LBR                 | - 996/626           | - 299F/06   | - SNB       | - HM              |

## Detail

### 1 Prefixes

|                 |  |
|-----------------|--|
| <b>None</b>     | Standard   |
| <b>AX</b>       | Accessible device                                  |
| <b>CD</b>       | Cylinder dogging - panic only                      |
| <b>CDSI</b>     | Cylinder dogging with security indicator           |
| <b>CI</b>       | Cylinder dogging indicator                         |
| <b>CD-CX</b>    | Chexit cylinder dogging                            |
| <b>CX</b>       | Chexit   |
| <b>DI</b>       | Dogging indicator                                  |
| <b>E</b>        | Electric locking mortise/lever                     |
| <b>EL</b>       | Electric latch retraction                          |
| <b>HDSI</b>     | Hex dogging with security indicator                |
| <b>HH</b>       | Hurrican device                                    |
| <b>LD</b>       | Less dogging                                       |
| <b>LX</b>       | Latch bolt monitoring                              |
| <b>LX-LC</b>    | Latch bolt monitoring, low current                 |
| <b>LX-RX</b>    | Latch bolt monitoring, request to exit             |
| <b>LX-RX-LC</b> | Latch bolt monitoring, request to exit low current |
| <b>PL</b>       | Pullman latch                                      |
| <b>PN</b>       | Pneumatic latch retraction                         |
| <b>QEL</b>      | Quiet electric latch retraction                    |
| <b>QM</b>       | Quiet mechanical                                   |
| <b>RX</b>       | Request to exit                                    |
| <b>RX2</b>      | Double request to exit                             |
| <b>RX-AUX</b>   | Request to exit, auxiliary                         |
| <b>RX-LC</b>    | Request to exit, low current                       |
| <b>SD</b>       | Special dogging -panic only                        |
| <b>SS</b>       | Signal switch                                      |
| <b>WP-RX</b>    | Waterproof request to exit                         |
| <b>WS</b>       | Windstorm (FEMA rated) surface vertical rod device |
| <b>XP</b>       | Heavy protection - rim                             |

### 2 Device series

|           |                   |
|-----------|-------------------|
| <b>98</b> | Series 98-smooth  |
| <b>99</b> | Series 99-grooved |

### 3 Device type

|              |  |
|--------------|--|
| <b>None</b>  | Rim device   |
| <b>27</b>    | Surface mounted vertical rod device                    |
| <b>47</b>    | Concealed vertical rod device                          |
| <b>47WDC</b> | Concealed vertical rod wood door device                |
| <b>48</b>    | Concealed vertical rod device                          |
| <b>49</b>    | Concealed vertical cable device                        |
| <b>50WDC</b> | Concealed vertical cable wood door device              |
| <b>52</b>    | Rim device with remote trim input (pool exit hardware) |
| <b>57</b>    | Three-point latch device                               |
| <b>75</b>    | Mortise lock device                                    |

### 4 Trim functions

|              |   |
|--------------|---|
| <b>EO</b>    | For AD or CO locks, order the panic as Exit Only (EO) |
| <b>DT</b>    | Dummy trim  |
| <b>EO</b>    | Exit only   |
| <b>HL</b>    | Hospital pull trim                                    |
| <b>K</b>     | Knob  |
| <b>K-BE</b>  | Knob - blank escutcheon                               |
| <b>K-DT</b>  | Knob, rigid - dummy trim                              |
| <b>K-NL</b>  | Knob, rigid - night latch                             |
| <b>L</b>     | Lever (classroom)                                     |
| <b>L-BE</b>  | Lever - blank escutcheon                              |
| <b>L-DT</b>  | Lever, rigid - dummy trim                             |
| <b>L-NL</b>  | Lever, rigid - night latch                            |
| <b>NL</b>    | Night latch   |
| <b>NL-OP</b> | Night latch cylinder assembly, optional pull          |
| <b>TL</b>    | Turn lever  |
| <b>TL-BE</b> | Turn lever - blank escutcheon                         |
| <b>TP</b>    | Thumbpiece  |
| <b>TP-BE</b> | Thumbpiece - blank escutcheon                         |

### 5 Rating

|              |                     |
|--------------|---------------------|
| <b>F</b>     | Fire exit hardware  |
| <b>Blank</b> | Panic exit hardware |

### 6 Suffix

|             |  |
|-------------|--|
| <b>-2</b>   | Double cylinder (rim and mortise only)             |
| <b>-2SI</b> | Double cylinder with security indicator (rim only) |
| <b>CON</b>  | Connectors   |
| <b>WH</b>   | Weep holes   |

### 7 Finish

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

### 8 Door width Door thickness

|           |                  |        |          |
|-----------|------------------|--------|----------|
| <b>3'</b> | Standard default | 1 3/4" | Standard |
| <b>4'</b> |                  | 2 1/4" | Optional |
| <b>2'</b> | Vertical only    |        |          |

### 9 Handing

|            |                    |
|------------|--------------------|
| <b>LHR</b> | Left hand reverse  |
| <b>RHR</b> | Right hand reverse |

### 10 Less bottom rod/cable

|                |                   |
|----------------|-------------------|
| <b>LBR</b>     | Less bottom rod   |
| <b>LBL</b>     | Less bottom latch |
| <b>LBR-AFL</b> | LBR with fire pin |
| <b>LBL-AFL</b> | LBL with fire pin |

### 11 Trim options/finish

See trim options/finish for each device type

### 12 Lever style

|           |  |
|-----------|--|
| <b>06</b> | Standard default (optional levers available) |
|-----------|--|

### 13 Accessories

|            |                 |
|------------|-----------------|
| <b>CYL</b> | Cylinder        |
| <b>GBK</b> | Glass bead kit  |
| <b>SEC</b> | Security screws |
| <b>SLM</b> | SLM blocking    |
| <b>SNB</b> | Sex bolts       |

### 14 Other information

#### Touchbar options

|                |  |
|----------------|--|
| <b>BRaille</b> | Vision impaired touchpad, raised letter, and braille |
| <b>PUSH</b>    | Touchbar trim embossed 'PUSH'                        |
| <b>RSS</b>     | Red silk-screened lettered touchbar trim             |
| <b>KN</b>      | Knurled touchbar                                     |
| <b>SG</b>      | Safety glow  |

#### Miscellaneous

|                |                      |
|----------------|----------------------|
| <b>CE</b>      | CE labeled           |
| <b>LCP</b>     | Less cover plate     |
| <b>IOWDA</b>   | #IOWDA cover plate   |
| <b>RAT REL</b> | Ratchet release assy |

#### Door material

|             |                            |
|-------------|----------------------------|
| <b>AL</b>   | Aluminum door              |
| <b>HM</b>   | Hollow metal               |
| <b>WD</b>   | Wood door                  |
| <b>CP</b>   | Composite door             |
| <b>INS2</b> | Insulclad - 1/2"           |
| <b>INS4</b> | Insulclad - 1/4"           |
| <b>SC</b>   | Steelcraft, HH device only |

#### Door application

|          |               |
|----------|---------------|
| <b>D</b> | Double egress |
| <b>P</b> | Pair of doors |
| <b>S</b> | Single door   |

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