

**VON DUPRIN®**

98/99™  
Series

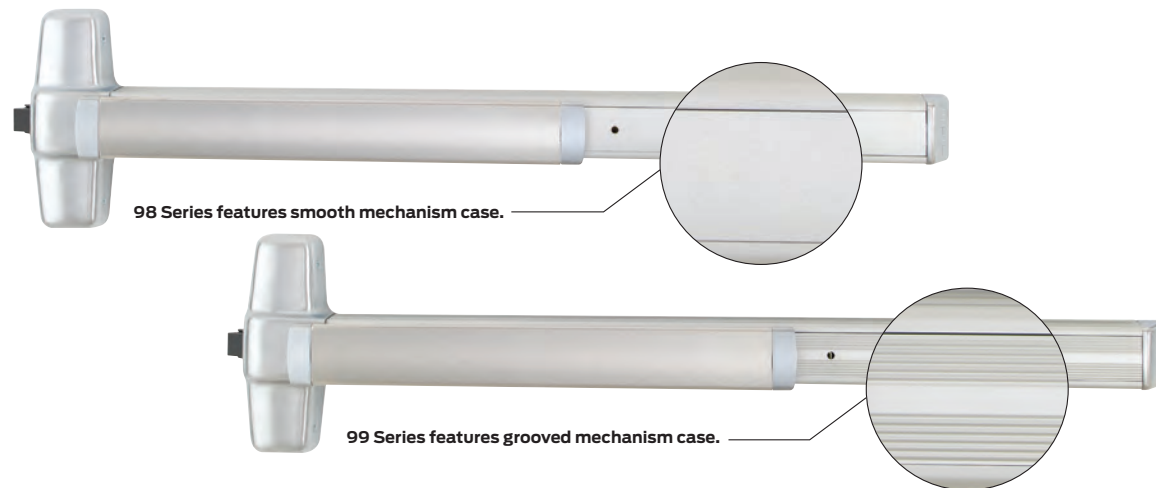
Exit devices



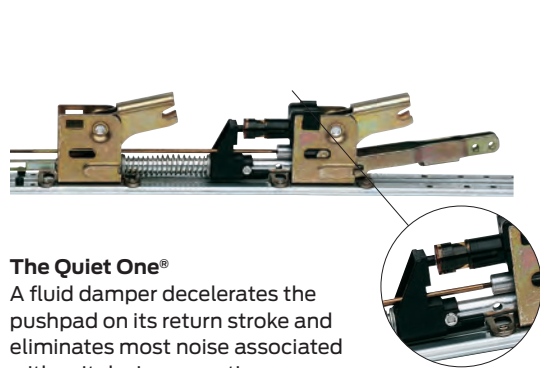
# Introduction

Exit devices are a critical part of the fire and life safety egress system and will provide safe and reliable service when properly applied and maintained. Von Duprin designs and manufactures exit devices in accordance to ISO 9001 Quality Management System and meets or exceeds accepted U.S. domestic and International standards. All 98 and 99 Series exit devices are UL listed for panic hardware or fire hardware, and are certified to ANSI A156.3, 2008, Grade 1. Many models are also certified for Hurricane Resistant Applications. Consult your local Security & Safety consultant (SSC) or the Von Duprin factory for current listings.

It is intended that the information included in this publication, when properly used, will provide clear and reliable guidelines to the proper general selection and application. However, the scope of the information is necessarily limited.

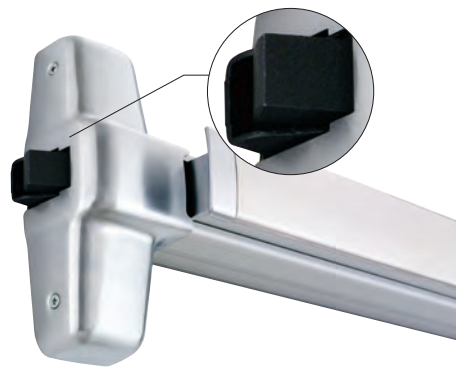


Von Duprin exit devices are available in two external surface styles, designated 98 and 99 Series.



#### **The Quiet One®**

A fluid damper decelerates the pushpad on its return stroke and eliminates most noise associated with exit device operations. Furnished on all 98/99™ Series exit devices.



#### **Latch bolt**

Deadlocking latchbolt provides security and improved performance at standard device cost.

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|-------|---|
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|         |    |
|---------|----|
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| Trim    | 13 |

#### Mortise lock devices

|           |    |
|-----------|----|
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#### Surface mounted Vertical rod devices

|           |    |
|-----------|----|
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#### Three-point latching devices

|           |    |
|-----------|----|
| 9857/9957 | 24 |
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|           |    |
|-----------|----|
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| Trim      | 29 |
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| Trim      | 33 |

#### Concealed vertical cable devices

|           |    |
|-----------|----|
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#### Wood door concealed vertical rod devices

|                 |    |
|-----------------|----|
| 9847WDC/9947WDC | 40 |
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#### Wood door concealed vertical cable devices

|                 |    |
|-----------------|----|
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| Trim            | 45 |

#### Wood door concealed vertical cable devices

|                 |    |
|-----------------|----|
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### Fire exit hardware

#### Rim devices

|           |    |
|-----------|----|
| 98-F/99-F | 10 |
| Trim      | 11 |

#### XP rim devices

|           |    |
|-----------|----|
| XP98/99-F | 14 |
| Trim      | 15 |

#### Mortise lock devices

|           |    |
|-----------|----|
| 9875/9975 | 18 |
| Trim      | 19 |

#### Surface mounted Vertical rod devices

|               |    |
|---------------|----|
| 9827-F/9927-F | 22 |
| Trim          | 23 |

#### Three-point latching devices

|               |    |
|---------------|----|
| 9857-F/9957-F | 26 |
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#### Concealed vertical rod devices

|               |    |
|---------------|----|
| 9847-F/9947-F | 30 |
| Trim          | 31 |
| 9848-F/9948-F | 34 |
| Trim          | 35 |

#### Concealed vertical cable devices

|               |    |
|---------------|----|
| 9849-F/9949-F | 38 |
| Trim          | 39 |

#### Wood door concealed vertical rod devices

|                     |    |
|---------------------|----|
| 9847WDC-F/9947WDC-F | 42 |
| Trim                | 43 |

#### Wood door concealed vertical cable devices

|                     |    |
|---------------------|----|
| 9849WDC-F/9949WDC-F | 46 |
| Trim                | 47 |

#### Wood door concealed vertical cable devices

|                     |    |
|---------------------|----|
| 9850WDC-F/9950WDC-F | 50 |
| Trim                | 51 |

**THIS PRODUCT IS OBSOLETE** it is replaced by the 98/9950 WDC.  
See pages 48-51 for more information.

## Options and accessories

|  |   |
|--|---|
| <b>Applications &amp; trim operation</b> | Single & double door applications<br>Door handing<br>Outside trim operation<br>Lever styles |
|--|---|

|                     |   |
|---------------------|---|
| <b>Trim options</b> | Knob<br>Thumbpiece<br>Lever<br>Electrified outside lever trim (E996L)<br>Breakaway lever<br>Thumbturn control<br>Hospital pull<br>Offset pull<br>Vandal resistant pull<br>AD-Series adaptable electronic trim |
|---------------------|---|

|                        |   |
|------------------------|---|
| <b>Strike options</b>  | Strike/Stile information<br>Strikes   |
| <b>Dogging options</b> | Cylinder dogging<br>Hex key dogging<br>Less dogging<br>Dogging keys<br>Special center case dogging<br>Double cylinder |

### Symbols



Indicates fire rated application



Indicates ADA products

|                           |  |
|---------------------------|--|
| <b>Electrical options</b> | <b>RX</b> Request to exit<br><b>LX</b> Latchbolt monitoring<br><b>SS</b> Signal switch<br><b>CX</b> Chexit®<br><b>ALK</b> Alarm kit<br><b>E</b> Electric mortise lock device<br><b>EL</b> Electric latch retraction<br><b>QEL</b> Quiet electric latch retraction<br><b>CON</b> Allegion Connect |
|---------------------------|--|

|                               |   |
|-------------------------------|---|
| <b>Electrical accessories</b> | Power supplies<br>Electric power transfer |
|-------------------------------|---|

|                           |  |
|---------------------------|--|
| <b>Mechanical options</b> | XP98/99 rim exit device<br>WS Surface vertical rod exit device<br>Less bottom rod<br>AX Accessible device<br>Pullman latch<br>Dummy push pad<br>Braille, embossed, knurled and safety glow (Luminescent) touchpads |
|---------------------------|--|

|                          |   |
|--------------------------|---|
| <b>Pneumatic options</b> | Pneumatic controlled exit devices<br>Pneumatic power transfer |
|--------------------------|---|

|                           |  |
|---------------------------|--|
| <b>Device accessories</b> | Glass bead kit<br>Vertical rod and latch guard<br>Cover plate kits<br>Cylinders<br>Mullions<br>Sex bolts |
|---------------------------|--|

|                               |  |
|-------------------------------|--|
| <b>Additional information</b> | ANSI Function, grade & type<br>UL fire labeling and opening size |
|-------------------------------|--|

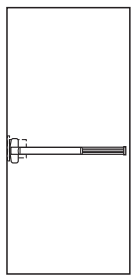
|                 |                             |
|-----------------|-----------------------------|
| <b>Finishes</b> | Standard & special finishes |
|-----------------|-----------------------------|

## Nomenclature – how to order

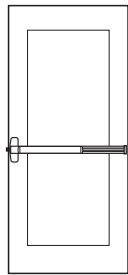
| None     | Standard  | EL | 99 | 27 | -L | -16 | -F | LBR | 3' | US3 | RHR |
|----------|---|----|----|----|----|-----|----|-----|----|-----|-----|
| SD       | Special dogging R/VR - panic only   |    |    |    |    |     |    |     |    |     |     |
| CD       | Cylinder dogging - panic only   |    |    |    |    |     |    |     |    |     |     |
| CX       | Chexit  |    |    |    |    |     |    |     |    |     |     |
| E        | Electric locking mortise/lever  |    |    |    |    |     |    |     |    |     |     |
| QEL      | Quiet electric latch retraction   |    |    |    |    |     |    |     |    |     |     |
| EL       | Electric latch retraction   |    |    |    |    |     |    |     |    |     |     |
| LX       | Latch bolt monitoring   |    |    |    |    |     |    |     |    |     |     |
| RX       | Request to exit   |    |    |    |    |     |    |     |    |     |     |
| RX2      | Double request to exit  |    |    |    |    |     |    |     |    |     |     |
| SS       | Signal switch   |    |    |    |    |     |    |     |    |     |     |
| AX       | Accessible device   |    |    |    |    |     |    |     |    |     |     |
| PL       | Pullman latch   |    |    |    |    |     |    |     |    |     |     |
| PN       | Pneumatic latch retraction  |    |    |    |    |     |    |     |    |     |     |
| WS       | Surface vertical rod exit device  |    |    |    |    |     |    |     |    |     |     |
| XP       | Heavy protection - rim  |    |    |    |    |     |    |     |    |     |     |
| WS       | Tornado & hurricane tested  |    |    |    |    |     |    |     |    |     |     |
| 98       | Series 98-smooth  |    |    |    |    |     |    |     |    |     |     |
| 99       | Series 99-grooved   |    |    |    |    |     |    |     |    |     |     |
| None     | Rim device  |    |    |    |    |     |    |     |    |     |     |
| 27       | Surface mounted vertical rod device   |    |    |    |    |     |    |     |    |     |     |
| 47       | Concealed vertical rod device   |    |    |    |    |     |    |     |    |     |     |
| 47WDC    | Concealed vertical rod wood door device   |    |    |    |    |     |    |     |    |     |     |
| 48       | Concealed vertical rod device   |    |    |    |    |     |    |     |    |     |     |
| 49       | Concealed vertical cable device   |    |    |    |    |     |    |     |    |     |     |
| 49WDC    | Concealed vertical cable wood door device   |    |    |    |    |     |    |     |    |     |     |
| 57       | Three-point latch device  |    |    |    |    |     |    |     |    |     |     |
| 75       | Mortise lock device   |    |    |    |    |     |    |     |    |     |     |
| AD       | AD Trim (to come from client)   |    |    |    |    |     |    |     |    |     |     |
| DT       | Dummy trim  |    |    |    |    |     |    |     |    |     |     |
| EO       | Exit only   |    |    |    |    |     |    |     |    |     |     |
| HL       | Hospital pull trim  |    |    |    |    |     |    |     |    |     |     |
| K        | Knob  |    |    |    |    |     |    |     |    |     |     |
| K-BE     | Knob - blank escutcheon   |    |    |    |    |     |    |     |    |     |     |
| K-DT     | Knob, rigid - dummy trim  |    |    |    |    |     |    |     |    |     |     |
| K-NL     | Knob, rigid - night latch   |    |    |    |    |     |    |     |    |     |     |
| L        | Lever (classroom)   |    |    |    |    |     |    |     |    |     |     |
| L-BE     | Lever - blank escutcheon  |    |    |    |    |     |    |     |    |     |     |
| L-DT     | Lever, rigid - dummy trim   |    |    |    |    |     |    |     |    |     |     |
| L-NL     | Lever, rigid - night latch  |    |    |    |    |     |    |     |    |     |     |
| NL       | Night latch   |    |    |    |    |     |    |     |    |     |     |
| NL-OP    | Night latch cylinder assembly, optional pull  |    |    |    |    |     |    |     |    |     |     |
| TL       | Turn lever  |    |    |    |    |     |    |     |    |     |     |
| TL-BE    | Turn lever - blank escutcheon   |    |    |    |    |     |    |     |    |     |     |
| TP       | Thumbpiece  |    |    |    |    |     |    |     |    |     |     |
| TP-BE    | Thumbpiece - blank escutcheon   |    |    |    |    |     |    |     |    |     |     |
| XX       | Lever style 06 standard<br>Optional 01, 02, 03, 05, 07, 12 (Handed),<br>16 (Omega), 17, 18, Accent, Asti, Merano, St. Annes |    |    |    |    |     |    |     |    |     |     |
| F        | Fire exit device  |    |    |    |    |     |    |     |    |     |     |
| -2       | Double cylinder (rim & mortise only)  |    |    |    |    |     |    |     |    |     |     |
| LBR      | Less bottom rod   |    |    |    |    |     |    |     |    |     |     |
| LBL      | Less bottom latch   |    |    |    |    |     |    |     |    |     |     |
| SG       | Safety glow (luminescent) touchpad  |    |    |    |    |     |    |     |    |     |     |
| ALK      | Alarm kit   |    |    |    |    |     |    |     |    |     |     |
| ALK-AR1  | Auto-reset 1½ minute alarm kit  |    |    |    |    |     |    |     |    |     |     |
| ALK-AR3  | Auto-reset 3 minute alarm kit   |    |    |    |    |     |    |     |    |     |     |
| ALK-AR6  | Auto-reset 4½ minute alarm kit  |    |    |    |    |     |    |     |    |     |     |
| CON      | Allegion Connect  |    |    |    |    |     |    |     |    |     |     |
| 2'       | 2' Device (2' door size) 27, 47 or 49 only  |    |    |    |    |     |    |     |    |     |     |
| 3'       | 3' Device (2' 4"- 3' door size)   |    |    |    |    |     |    |     |    |     |     |
| 4'       | 4' Device (2' 10"- 4' door size)  |    |    |    |    |     |    |     |    |     |     |
| Finishes | US3, US4, US10, US26, US26D, US28, 313, 315<br>US32D – 98 ONLY<br>-AM Antimicrobial (available US26D and US32D)             |    |    |    |    |     |    |     |    |     |     |
| -LHR     | Left hand reverse   |    |    |    |    |     |    |     |    |     |     |
| -RHR     | Right hand reverse  |    |    |    |    |     |    |     |    |     |     |

## Popular double door applications

### Single door applications

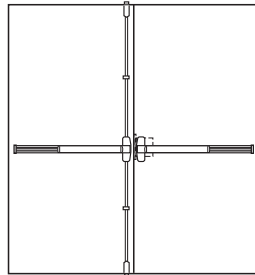


Single mortise lock device

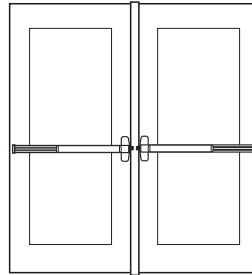


Single rim device

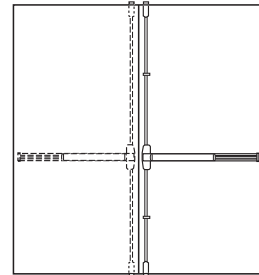
### Double door applications



Mortise lock and surface mounted or concealed vertical cable/rod device combination—same direction

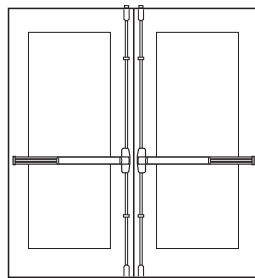
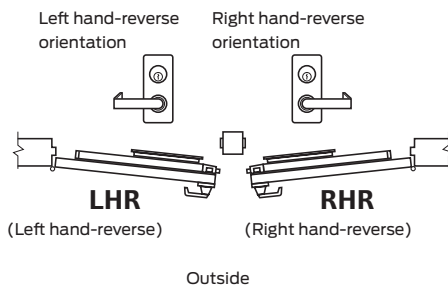


Two rim devices with mullion—same direction

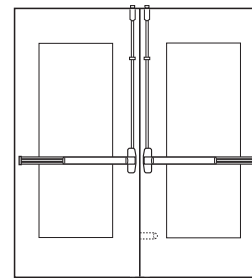


Two vertical rods—double egress

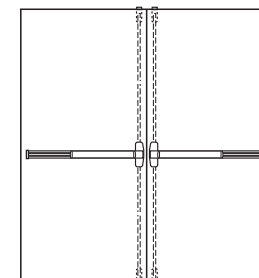
### Door handing



Two surface mounted vertical rod devices—same direction (do not use with overlapping astragal)



Two fire exit hardware vertical cables/rods with auxiliary fire latch-LBR option



Two concealed vertical cables/rods

## Outside trim operation

### Trim operation lever or knob

#### Standard



Key locks and unlocks lever or knob, e.g., 996L (Classroom)

#### Night latch



Key retracts latch bolt. Lever or knob is rigid. Use NL suffix, e.g., 996LNL. (Storeroom)

#### Blank escutcheon



Lever or knob always active. Use BE suffix, e.g., 996L-BE. (Passage)

#### Dummy



Lever or knob rigid for pull operation. Use DT suffix, e.g., 996L-DT.

### 996L Breakaway™ lever



The 996L Breakaway trim has become the standard lever trim offering on the 98L/99L Series devices. The Breakaway design is especially effective in areas where vandalism to door hardware is a problem. The design intent is to discourage costly repairs from becoming necessary. The Breakaway feature is not available on the NL (night-latch) or DT (dummy trim) versions.

### 374T/376T Series thumbturn control



Standard operation, key locks and unlocks thumbturn. Optional operation, key unlocks thumbturn, re-locks when key is removed. This operation is created by changing the cylinder plate included with control. Use 1 1/4" mortise cylinder with a straight cam. Schlage cam reference L583-475. Use with a pull trim (990DT pictured).

# Lever styles

## Decorative levers



**M51**  
Knurling available



**M52**  
Knurling available



**M53**



**M54**



**M55**



**M56**



**M57** ..



**M61**  
(Handed)



**M62** ..  
(Handed)



**M63**  
(Handed)



**M81**  
Knurling available



**M82**



**M83**



**M84**



**M85**  
(Handed)

.. Available in Stainless Steel substrate ONLY.

## Standard Levers



**01**



**02**  
Knurling available



**03\***  
Knurling available



**05**



**06\***  
Default lever  
Knurling available



**07**



**12**  
(Handed)



**16**  
(Omega)



**17\***  
Knurling available



**18**



**ACC**  
(Accent)  
(Handed)



**AST**  
(Asti)  
(Handed)



**MER**  
(Merano)  
(Handed)



**LAT\***  
Latitude



**LON\***  
Longitude

\*Available in Stainless Steel - specify SS when ordering



## 9857/9957 Three-point latching device

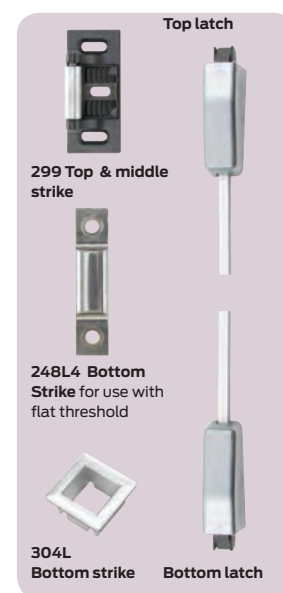


**9857/9957 Three-point latching device** for all types of single or double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. The 9857 device has a smooth mechanism case and the 9957 device has a grooved case. The three-point latching device is non-handed except when the following device options are used: SD (special dogging), or SS (signal switch). See opposite page for available outside trim and functions. Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors.

**Finishes** – US3, US3A, US4, US4A, US10, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 & 643E. US15 and US32D available with 98 Series only.

### Specifications

|                                       |  |   |
|---------------------------------------|--|---|
| Device functions                      | Device ships EO/DT/NL. Field selectable. For TP, K or L remove NL drive screw from device.   |   |
| Device lengths                        | 3'   | 2'4" to 3' (711mm to 914 mm) Door size    |
|                                       | 4'   | 2'10" to 4' (864 mm to 1219 mm) Door size |
| Device centerline from finished floor | 39 <sup>13</sup> / <sub>16</sub> " (1011 mm)   |   |
| Center case dimensions                | 8" x 2 <sup>3</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>8</sub> " (203mm x 70mm x 60mm)   |   |
| Mechanism case dimensions             | 2 <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>4</sub> " (57mm x 57mm)  |   |
| Projection                            | Pushbar neutral – 3 <sup>13</sup> / <sub>16</sub> " (97 mm)<br>Pushbar depressed – 3 <sup>1</sup> / <sub>16</sub> " (78 mm)  |   |
| Latch bolt                            | Deadlocking anti-friction top & bottom bolt, <sup>5</sup> / <sub>8</sub> " (16mm) throw<br>Deadlocking rim bolt, <sup>3</sup> / <sub>4</sub> " (19mm) throw  |   |
| Door undercut                         | <sup>1</sup> / <sub>4</sub> " (7mm) recommended  |   |
| Top & bottom Latch case               | 4 <sup>1</sup> / <sub>2</sub> " x 2 <sup>1</sup> / <sub>8</sub> " x 1 <sup>1</sup> / <sub>2</sub> " (114mm x 54mm x 38mm)  |   |
| Vertical rods                         | <sup>1</sup> / <sub>2</sub> " square tubing, standard rods accommodate 7' (2134mm) doors. Top rod length: 34 <sup>15</sup> / <sub>16</sub> " (887mm); Bottom rod length: 31 <sup>1</sup> / <sub>2</sub> " (794mm) Extension rods available in 1' (205mm) or 3' (914mm) for doors over 7'. One piece top rod is available for 8' (2438mm) and 10' (3048mm) doors.   |   |
| Fasteners & sex bolts (SNB)           | Includes screw pack for 1 <sup>3</sup> / <sub>4</sub> " (44mm) to 2 <sup>1</sup> / <sub>4</sub> " (57mm) thick metal or wood doors, and 325 SNB for top and bottom latch. Optional 425 SNB available.  |   |
| Electric options                      | <b>LX</b> Latchbolt monitor switch<br><b>RX</b> Pushpad monitor switch<br><b>RX2</b> Double pushpad monitor switch<br><b>E</b> Electric unlocking and locking trim<br><b>EL</b> Electric latch retraction<br><b>QEL</b> Quiet electric latch retraction<br><b>SS</b> Signal switch<br><b>CX</b> Chexit delayed exit<br><b>ALK</b> Alarm exit kit<br><b>WP-RX</b> Waterproof request to exit<br><b>CON</b> Allegion Connect |   |
| Mechanical options                    | <b>GBK</b> Glass bead kit<br><b>PN</b> Pneumatic latch retraction<br><b>PL</b> Pullman latch<br><b>WS</b> Tornado and hurricane tested<br><b>SNB</b> Sex bolts<br><b>SEC</b> Security screws   |   |
| Dogging feature<br>Dogging option     | Hex key dogging standard<br><b>CD</b> Cylinder dogging<br><b>SD</b> Special center case dogging<br><b>LD</b> Less dogging<br><b>DI</b> Dogging indicator<br><b>CI</b> Cylinder dogging indicator   |   |
| Strikes                               | Top & middle – <b>299</b> - Dull black<br>Bottom – <b>248L4 &amp; 304L</b> - Unfinished  |   |



Hex key dogging comes standard on 9857/9957 Three-point latching devices

**WS**  
**Windstorm**  
• Severe weather certified/tested  
• FEMA and ICC compliant  
• Tornado & hurricane tested

**CON**  
**Allegion Connectors**  
• Common connectors to connect various door hardware all the way to the power supply

**PN**  
**Pneumatic latch retraction**  
• For areas where electrical devices banned  
• Special linkage for mechanical or pneumatic dogging

**ALK**  
**Alarm exit kit**  
• Unauthorized opening triggers 85-decibel horn  
• Set in armed or disarmed mode by key

**EL**  
**Electric latch retraction**  
• Enables remote unlatching  
• Alternative to manual dogging

**RX**  
**Pushpad monitor switch**  
• Signals use of an opening  
• SPDT switch to monitor pushpad

**E (E996L)**  
**Electrified breakaway lever**  
• Electrified remote locking/unlocking  
• Standard in fail safe condition






**LX**  
**Latchbolt monitor switch**  
• Signals use of an opening  
• SPDT switch to monitor latch bolt





**QEL**  
**Quiet electric latch retraction**  
• Bolt retraction via switch  
• Converts exit door to push-pull operation

**SS**  
**Signal switch**  
• Signals unauthorized use of an opening  
• Switch makes latch bolt tamper-resistant



## Standard trim

|                                       | EO<br><br><b>No outside trim</b><br>Exit only | DT<br><br><b>Dummy trim</b><br>Pull when dogged<br>(not recommended for<br>fire device) | NL<br><br><b>Night latch</b><br>Key retracts latchbolt | NL-OP<br><br><b>Night latch</b><br>Key retracts latchbolt<br>optional pull required | TL<br><br><b>Thumbturn</b><br>Key locks & unlocks<br>(use with DT trim) | TL-BE<br><br><b>Thumbturn</b><br>Blank escutcheon<br>always operable<br>(no cylinder)<br>(use with DT trim) |
|---------------------------------------|---|--|---|---|--|--|
| Product description                   | 9857EO<br>9957EO                              | 9857DT<br>9957DT   | 9857NL<br>9957NL  | 9857NL-OP<br>9957NL-OP  | 9857TL<br>9957TL   | 9857TL-BE<br>9957TL-BE   |
| Trim description                      | —   | 990DT  | 990NL-R/V   | 110NL-MD<br>110NL-WD  | 374T X 990DT   | 374T-BE X 990DT  |
| Escutcheon plate size                 | —   | 3" x 14 <sup>13/16</sup> " x 3 <sup>3/32</sup> "<br>(76x360x2mm)   | 3" x 14 <sup>13/16</sup> " x 3 <sup>3/32</sup> "<br>(76x360x2mm)  | —   | 2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> "<br>(70x273x21mm)  | 2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> "<br>(70x273x21mm)  |
| Pull center to center                 | —   | 5 <sup>1/2</sup> " (140mm)   | 5 <sup>1/2</sup> " (140mm)  | —   | —  | —  |
| Projection                            | —   | 2" (51mm)  | 2" (51mm)   | —   | 2" (51mm)  | 2" (51mm)  |
| ANSI function                         | 01  | 02   | 03  | 03  | 11 or 12   | 16   |
| Cylinder type                         | —   | —  | Rim   | Rim   | 1 <sup>1/4</sup> " Mortise   | —  |
| Handing                               | —   | —  | —   | —   | —  | —  |
| Optional trim                         | x990EO<br>x996EO                              | x996K-DT<br>x996L-DT<br>x696DT<br>x697DT   | x996K-NL<br>x996L-NL<br>x696NL<br>x697NL  |   |  |  |
| Optional #425 SNB quantity for device | 6   | 2  | 2   | 6   | 2  | 2  |

|                                       | L<br><br><b>Lever</b><br>Key locks & unlocks | L-NL<br><br><b>Lever – night latch</b><br>Key retracts latchbolt | L-BE<br><br><b>Lever – blank escutcheon</b><br>Always operable (no cylinder) | L-DT<br><br><b>Lever dummy trim</b><br>pull when dogged |
|---------------------------------------|---|---|---|--|
| Product description                   | 9857L<br>9957LF   | 9857L-NL<br>9957L-NL  | 9857L-BE<br>9957L-BE  | —<br>—   |
| Trim description                      | 996L-R/V*   | 996L-NL-R/V   | 996L-BE-R/V*  | 996L-DT  |
| Escutcheon plate size                 | 2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> "<br>(70x273x21mm)   | 2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> "<br>(70x273x21mm)   | 2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> "<br>(70x273x21mm)   | 2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> "<br>(70x273x21mm)  |
| Pull center to center                 | —   | —   | —   | —  |
| Projection                            | 2 <sup>7/8</sup> " (73mm)   | 2 <sup>7/8</sup> " (73mm)   | 2 <sup>7/8</sup> " (73mm)   | 2 <sup>7/8</sup> " (73mm)  |
| ANSI function                         | 08  | 03  | 14  | 02   |
| Cylinder type                         | Rim   | Rim   | —   | —  |
| Handing                               | Handed/Reversible   | Handed/Reversible   | Handed/Reversible   | Handed/Reversible  |
| Optional #425 SNB quantity for device | 2   | 2   | 2   | 2  |

\* Electrified lever operation available


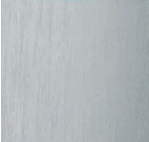
## Notes

## 98/99 Finishes

### Finishes\*

|  | Color              | US number | BHMA number |
|--|--------------------|-----------|-------------|
|   | Chromium, polished | US26      | 625         |
|   | Anodized, aluminum | US28      | 628         |
|   | Chromium, dull     | US26D     | 626         |
|   | Brass, polished    | US3       | 605         |
|  | Brass, dull        | US4       | 606         |

### Special finishes

|   | Color                                | US number | BHMA number |
|---|--------------------------------------|-----------|-------------|
|  | Satin chrome, Antimicrobial          | US26D-AM  | 626-AM      |
|  | Satin stainless steel, antimicrobial | US32D-AM  | 630-AM      |

|   | Color                                 | US number | BHMA number |
|---|---------------------------------------|-----------|-------------|
|    | Bronze, dull                          | US10      | 612         |
|    | Satin nickel<br>Available for 98 ONLY | US15      | 619         |
|    | Satin stainless steel                 | US32D     | 630         |
|    | Duranodic dark bronze                 | 313       | 710         |
|   | Black, painted (not flat powder)      | SPBLK     | 693         |
|  | Flat Black                            | US19/315  | 622/711     |
|  | Aged bronze                           | —         | 643e        |

### Pushpad options —

Knurled

Embossed "Push"

Braille (Caution-Stairwell), satin stainless steel only

RSS – (Emergency Exit – Push to open and sound alarm) – Red Silkscreen lettering on US32D

\* **Note:** Durable powder coated finishes available at specific special request. PLEASE CONTACT FACTORY.