

9827-F/9927-F Surface Mounted Vertical Rod Fire Device **VON DUPRIN**



9827-F/9927-F fire exit surface mounted vertical rod device pairs of doors up to 8' x 10' (2438mm x 3048mm), UL listed for Fire Exit Hardware. See page 68 for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2001 Grade 1. The 9827-F device has a smooth mechanism case and the 9927-F device has a grooved case. The surface vertical rod device is non-handed except when the following device options are used: SS (Signal Switch). See Opposite page for available outside trim and device 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. Rod and latch guards can be used on hollow metal or tin clad composite fire doors.

Finishes – US3, US4, US10, US26, US26D, US28 & 313. 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 | 2' 2' (610mm) Door Size (shipped less UL label) 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 ⁵ / ₈ " (1006 mm) |
| Center Case Dimensions | 8" x 2 ³ / ₄ " x 2 ³ / ₈ " (203mm x 70mm x 60mm) |
| Mechanism Case Dimensions | 2 ¹ / ₄ " x 2 ¹ / ₄ " (57mm x 57mm) |
| Projection | Pushbar Neutral – 3 ¹ / ₁₆ " (97 mm) Pushbar Depressed – 3 ¹ / ₁₆ " (78 mm) |
| Latch Bolt | Deadlocking Anti-friction Top & Bottom Bolt, ⁵ / ₈ " (16mm) throw |
| Door Undercut | ¹ / ₄ " (7mm) maximum |
| Top & Bottom Latch Case | 4 ¹ / ₂ " x 2 ¹ / ₈ " x 1 ¹ / ₂ " (114mm x 54mm x 38mm) |
| Vertical Rods | ¹ / ₂ " square tubing, standard rods accommodate 7' (2134mm) doors. Top rod length: 34 ¹⁵ / ₁₆ " (887mm); Bottom rod length: 31 ¹ / ₂ " (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 ³ / ₄ " (44mm) to 2 ¹ / ₄ " (57mm) thick metal or wood doors, and 325 SNB for top and bottom latch. Optional 425 SNB available. |
| Electric Options | LX Latchbolt Monitor Switch RX Pushpad Monitor Switch RX2 Double Pushpad Monitor Switch E Electric Unlocking and Locking 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 |
| Mechanical Options | GBK Glass Bead Kit PN Pneumatic Latch Retraction LBR Less Bottom Rod WS Tornado and Hurricane Tested SNB Sex Bolts SEC Security Screws SLM Special Laminate Material Blocking |
| Dogging Option | No mechanical dogging. EL and QEL option available |
| Strikes | Top - 299F (499F LBR) – Dull Black, Bottom – 304L - Unfinished |

WS
Windstorm
• Severe weather certified/tested
• FEMA and ICC compliant

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

QEL
Quiet Electric Latch Retraction
• Bolt retraction via switch
• Converts exit door to push-pull operation

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

CX
Chexit Delayed Exit
• Meets NFPA 101 requirements
• Self-contained controls, locking, alarm






PN
Pneumatic Latch Retraction
• For areas where electrical devices banned
• Special linkage for mechanical or pneumatic dogging





SG
Safety Glow
• Shows exit door location in darkness or smoke
• Developed to meet MEA standards

E (E 996L)
Electrified Breakaway Lever
• Electrified remote locking/unlocking
• Standard in fail safe condition

LBR
Less Bottom Rod
• Available with UL Fire Label
• For pairs of vertical rod devices

Standard Trim

| | EO Exit only | DT  Dummy Trim Pull When Dogged (Not recommended for fire device) | NL  Night Latch Key Retracts Latchbolt | NL-OP  Night Latch Key Retracts Latchbolt Optional Pull Required | TL  Thumbturn Key Locks & Unlocks (Use with DT Trim) | TL-BE  Thumbturn Blank Escutcheon Always Operable (No Cylinder) (Use with DT Trim) |
|---------------------------------------|----------------------------|---|---|---|--|--|
| Product Description | 9827EO-F 9927EO-F | — — | 9827NL-F 9927NL-F | 9827NL-OP-F 9927NL-OP-F | 9827TL-F 9927TL-F | 9827TL-BE-F 9927TL-BE-F |
| Trim Description | — | 990DT | 990NL-R/V | 110NL-MD 110NL-WD | 374T x 990DT | 374T-BE x 990DT |
| Escutcheon Plate Size | — | 3" x 14 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm) | 3" x 14 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm) | — | 1 ¹¹ / ₁₆ " x 7 ¹ / ₂ " x ⁷ / ₈ " (43x191x22mm) | 1 ¹¹ / ₁₆ " x 7 ¹ / ₂ " x ⁷ / ₈ " (43x191x22mm) |
| Pull Center to Center | — | 5 ¹ / ₂ " (140mm) | 5 ¹ / ₂ " (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 ¹ / ₄ " Mortise | — |
| Handing | — | — | — | — | — | — |
| Optional Trim | x990EO x996EO | x996K-DT x996L-DT x696DT x697DT | x996K-NL x996L-NL x696NL x697NL | | | |
| Optional #425 SNB Quantity for Device | 6 | 2 | 2 | 6 | 2 | 2 |

| | L  Lever Key Locks & Unlocks | L-NL  Lever – Night Latch Key Retracts Latchbolt | L-BE  Lever – Blank Escutcheon Always operable (No Cylinder) | L-DT  Lever Dummy Trim Pull When Dogged (Not recommended for fire device) |
|---------------------------------------|--|--|--|--|
| Product Description | 9827L-F 9927L-F | 9827L-NL-F 9927L-NL-F | 9827L-BE-F 9927L-BE-F | — — |
| Trim Description | 996L-R/V* | 996L-NL-R/V | 996L-BE-R/V* | 996L-DT |
| Escutcheon Plate Size | 2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm) | 2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm) | 2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm) | 2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm) |
| Pull Center to Center | — | — | — | — |
| Projection | 2 ⁷ / ₈ " (73mm) | 2 ⁷ / ₈ " (73mm) | 2 ⁷ / ₈ " (73mm) | 2 ⁷ / ₈ " (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