

9827/9927 Surface mounted vertical rod device



9827/9927 Surface mounted vertical rod 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 9827 device has a smooth mechanism case and the 9927 device has a grooved case. The surface vertical rod 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.



Hex key dogging comes standard on 9827/9927

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" (610 mm) | 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 ¹³ / 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) recommended | |
| 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 |
| | EL | Electric latch retraction |
| | QEL | Quiet electric latch retraction |
| | SS | Signal switch |
| | CX | Chexit delayed exit |
| | ALK | Alarm exit kit |
| | PN | Pneumatic latch retraction |
| | LBR | Less bottom rod |
| | WP-RX | Waterproof request to exit |
| | CON | Allegion Connect |
| Mechanical options | GBK | Glass bead kit |
| | PL | Pullman latch |
| | WS | Tornado and hurricane tested |
| | SNB | Sex bolts |
| | SEC | Security screws |
| Dogging feature | Hex key dogging standard | |
| Dogging option | CD | Cylinder dogging |
| | SD | Special center case dogging |
| | LD | Less dogging |
| | DI | Dogging indicator |
| | CI | Cylinder dogging indicator |
| Strikes | Top - 299 – Dull black, Bottom – 248L4 & 304L - Unfinished | |

WS
Windstorm

- Severe weather certified/tested
- FEMA and ICC compliant
- Tornado & hurricane tested

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

CON
Allegion Connectors

- Common connectors to connect various door hardware all the way to the power supply

EL
Electric latch retraction

- Enables remote unlatching
- Alternative to manual dogging

ALK
Alarm exit kit

- Unauthorized opening triggers 85-decibel horn
- Set in armed or disarmed mode by key

E (E996L)
Electrified breakaway lever

- Electrified remote locking/unlocking
- Standard in fail safe condition

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

SS
Signal switch

- Signals unauthorized use of an opening
- Switch makes latch bolt tamper-resistant

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Standard trim

| | EO | DT | NL | NL-OP | TL | TL-BE |
|--|------------------|--|--|------------------------|---|---|
| | | | | | | |
| Product description | 9827EO 9927EO | 9827DT 9927DT | 9827NL 9927NL | 9827NL-OP 9927NL-OP | 9827TL 9927TL | 9827TL-BE 9927TL-BE |
| Trim description | — | 990DT | 990NL-R/V | 110NL-MD 110NL-WD | 374T X 990DT | 374T-BE X 990DT |
| Escutcheon plate size | — | 3" x 14 ^{13/16} " x 3 ^{3/32} " (76x360x2mm) | 3" x 14 ^{13/16} " x 3 ^{3/32} " (76x360x2mm) | — | 1 ^{11/16} " x 7 ^{1/2} " x 7 ^{7/8} " (43x191x22mm) | 1 ^{11/16} " x 7 ^{1/2} " x 7 ^{7/8} " (43x191x22mm) |
| Pull center to center | — | 5 ^{1/2} " (140mm) | 5 ^{1/2} " (140mm) | — | — | — |
| Projection | — | 2" (51mm) | 2" (51mm) | — | 3 ^{1/4} " (83mm) | 3 ^{1/4} " (83mm) |
| 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 | L-NL | L-BE | L-DT |
|--|---|---|---|---|
| | | | | |
| Product description | 9827L 9927L | 9827L-NL 9927L-NL | 9827L-BE 9927L-BE | 9827L-DT 9927L-DT |
| 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 2 ^{7/32} " (70x273x21mm) | 2 ^{3/4} " x 10 ^{3/4} " x 2 ^{7/32} " (70x273x21mm) | 2 ^{3/4} " x 10 ^{3/4} " x 2 ^{7/32} " (70x273x21mm) | 2 ^{3/4} " x 10 ^{3/4} " x 2 ^{7/32} " (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