

# 9847/9947 Concealed Vertical Rod Device

VON DUPRIN.



Hex key dogging comes standard on 9847/9947 Concealed Vertical Rod Devices



**9847/9947 concealed vertical rod device** for use on single or double metal doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 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). See Opposite page for available outside trim and device functions.

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

Specifications	
<b>Device Functions</b>	Device ships EO/DT/NL. Field selectable. For TP, K or L remove NL drive screw from device.
<b>Device Lengths</b>	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
<b>Device Centerline from Finished Floor</b>	39 5/8" (1006 mm) Standard Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
<b>Center Case Dimensions</b>	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)
<b>Mechanism Case Dimensions</b>	2 1/4" x 2 1/4" (57mm x 57mm)
<b>Projection</b>	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)
<b>Latch Bolt</b>	Deadlocking Top & Bottom Bolt, 5/8" (16mm) throw
<b>Door Undercut</b>	1/4" (7mm) maximum
<b>Top &amp; Bottom Latch Case</b>	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
<b>Vertical Rods</b>	Round 2-piece adjustable rods – Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm). Bottom rod adjustable 35 5/8" (905 mm) to 49 5/8" (1260 mm). Extension rod kits available for doors over 8'4" (2533mm).
<b>Fasteners &amp; Sex Bolts (SNB)</b>	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal doors. Optional 425 SNB available.
<b>Electric Options</b>	<b>LX</b> Latchbolt Monitor Switch <b>RX</b> Pushpad Monitor Switch <b>RX2</b> Double Pushpad Monitor Switch <b>E</b> Electric Unlocking and Locking Trim <b>EL</b> Electric Latch Retraction <b>QEL</b> Quiet Electric Latch Retraction <b>SS</b> Signal Switch <b>CX</b> Chexit Delayed Exit <b>ALK</b> Alarm Exit Kit <b>WP-RX</b> Waterproof Request to Exit
<b>Mechanical Options</b>	<b>GBK</b> Glass Bead Kit <b>PN</b> Pneumatic Latch Retraction <b>LBR</b> Less Bottom Rod <b>PL</b> Pullman Latch <b>SNB</b> Sex Bolts <b>SEC</b> Security Screws
<b>Dogging Feature</b>	Hex key dogging standard
<b>Dogging Options</b>	<b>CD</b> Cylinder Dogging <b>SD</b> Special Center Case Dogging <b>LD</b> Less Dogging <b>DI</b> Dogging Indicator <b>CDI</b> Cylinder Dogging Indicator
<b>Strikes</b>	Top - 338 - Unfinished, Bottom - 385A - Unfinished

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

**CD**  
**Cylinder Dogging**  
• Replaces hex key dogging  
• Requires standard 1 1/4" mortise cylinder

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

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

**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


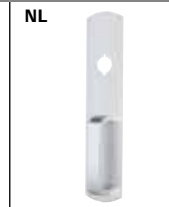



**PN**  
**Pneumatic Latch Retraction**  
• For areas where electrical devices banned  
• Special linkage for mechanical or pneumatic dogging





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

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

**DI**  
**Dogging Indicator**  
• Monitor dogging status without a control panel  
• Red indicator light shows visibility to dogging from over 75 feet

## Standard Trim

	EO	DT	NL	NL-OP	TL	TL-BE
						
	<b>Exit only</b>	<b>Dummy Trim</b> Pull When Dogged	<b>Night Latch</b> Key Retracts Latchbolt	<b>Night Latch</b> Key Retracts Latchbolt Optional Pull Required	<b>Thumbturn</b> Key Locks & Unlocks (Use with DT Trim)	<b>Thumbturn</b> Blank Escutcheon Always Operable (No Cylinder) (Use with DT Trim)
Product Description	9847EO 9947EO	9847DT 9947DT	9847NL 9947NL	9847NL-OP 9947NL-OP	9847TL 9947TL	9847TL-BE 9947TL-BE
Trim Description	—	990DT	990NL-R/V	110NL-MD	376T x 990DT	376T-BE x 990DT
Escutcheon Plate Size	—	3" x 14 <sup>3</sup> / <sub>16</sub> " x <sup>3</sup> / <sub>32</sub> " (76x360x2mm)	3" x 14 <sup>3</sup> / <sub>16</sub> " x <sup>3</sup> / <sub>32</sub> " (76x360x2mm)	—	(70x273x21mm)	(70x273x21mm)
Pull Center to Center	—	5 <sup>1</sup> / <sub>2</sub> " (140mm)	5 <sup>1</sup> / <sub>2</sub> " (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</sup> / <sub>4</sub> " Mortise	—
Handing	—	—	—	—	—	—
<b>Optional Trim</b>	x990EO x996EO	x996K-DT x996L-DT x697DT	x996K-NL x996L-NL x697NL			
Optional #425 SNB Quantity for Device	6	2	2	6	2	2

	L	L-NL	L-BE	L-DT
				
	<b>Lever</b> Key Locks & Unlocks	<b>Lever - Night Latch</b> Key Retracts Latchbolt	<b>Lever - Blank Escutcheon</b> Always operable (No Cylinder)	<b>Lever Dummy Trim</b> Pull When Dogged
Product Description	9847L 9947L	9847L-NL 9947L-NL	9847L-BE 9957L-BE	9847L-DT 9947L-DT
Trim Description	996L-R/V*	996L-NL-R/V	996L-BE-R/V*	996L-DT
Escutcheon Plate Size	2 <sup>3</sup> / <sub>4</sub> " X 10 <sup>3</sup> / <sub>4</sub> " X <sup>27</sup> / <sub>32</sub> " (70x273x21mm)	2 <sup>3</sup> / <sub>4</sub> " X 10 <sup>3</sup> / <sub>4</sub> " X <sup>27</sup> / <sub>32</sub> " (70x273x21mm)	2 <sup>3</sup> / <sub>4</sub> " X 10 <sup>3</sup> / <sub>4</sub> " X <sup>27</sup> / <sub>32</sub> " (70x273x21mm)	2 <sup>3</sup> / <sub>4</sub> " X 10 <sup>3</sup> / <sub>4</sub> " X <sup>27</sup> / <sub>32</sub> " (70x273x21mm)
Pull Center to Center	—	—	—	—
Projection	2 <sup>7</sup> / <sub>8</sub> " (73mm)	2 <sup>7</sup> / <sub>8</sub> " (73mm)	2 <sup>7</sup> / <sub>8</sub> " (73mm)	2 <sup>7</sup> / <sub>8</sub> " (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