

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	
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) Standard Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
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 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	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).
Fasteners & Sex Bolts (SNB)	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick metal doors. 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 PL Pullman Latch SNB Sex Bolts SEC Security Screws
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging SD Special Center Case Dogging LD Less Dogging DI Dogging Indicator CDI Cylinder Dogging Indicator
Strikes	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



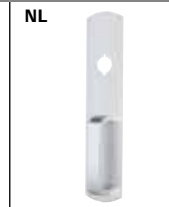



PN
Pneumatic Latch Retraction
• For areas where electrical devices banned
• Special linkage for mechanical or pneumatic dogging





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
						
	Exit only	Dummy Trim Pull When Dogged	Night Latch Key Retracts Latchbolt	Night Latch Key Retracts Latchbolt Optional Pull Required	Thumbturn Key Locks & Unlocks (Use with DT Trim)	Thumbturn 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 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	3" x 14 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	—	(70x273x21mm)	(70x273x21mm)
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 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
				
	Lever Key Locks & Unlocks	Lever - Night Latch Key Retracts Latchbolt	Lever - Blank Escutcheon Always operable (No Cylinder)	Lever Dummy Trim 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 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