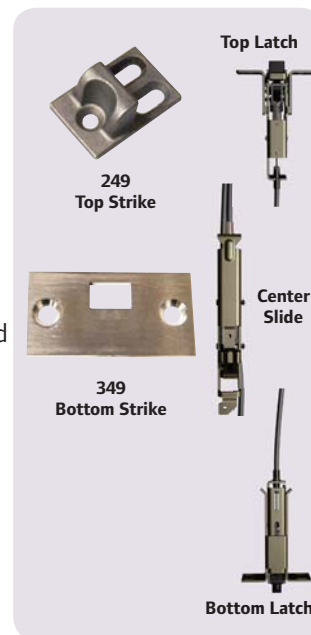


9849-F/9949-F Concealed Vertical Cable Fire Exit Device **VON DUPRIN**



9849-F/9949-F fire exit concealed vertical cable device for use on pairs of doors up to 8' x 10' (2438mm x 3048mm), UL listed for Fire Exit Hardware. See page 61 for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2001 Grade 1. The 9849-F device has a smooth mechanism case and the 9949-F device has a grooved case. The concealed vertical cable device is non-handed except when the following device option is used: SS (Signal Switch) devices. See Opposite page for available outside trim and functions.

Finishes – US3, US3A, US4, US4A, US10, US15, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 & 643E. 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 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 Anti-friction Top & Bottom Bolt, 1/2" (13mm) throw
Door Undercut	3/4" (19mm) maximum
Top & Bottom Latch Case	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
Vertical Cable	7/32" (6mm) Diameter Stainless Steel Cables
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	ALK Alarm Exit Kit CX Chexit Delayed Exit E Electric Unlocking and Locking Trim EL Electric Latch Retraction HD-EL Electric Latch Retraction w/ Hex Dogging LX Latchbolt Monitor Switch QEL Quiet Electric Latch Retraction RX2 Double Pushpad Monitor Switch RX996L Trim Monitor Switch RX Pushpad Monitor Switch RXLC Pushpad Monitor Switch - Low Current SS Signal Switch WP-RX Waterproof Request to Exit
Mechanical Options	GBK Glass Bead Kit LBL Less Bottom Latch PN Pneumatic Latch Retraction SEC Security Screws SG Safety Glow SLM SLM Blocking SNB Sex Bolts
Dogging Feature	No mechanical dogging. EL and QEL option available.
Dogging Options	
Strikes	Top - 249 - Unfinished, Bottom - 349 - Unfinished

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

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

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

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

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




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




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

9849-F/9949-F Concealed Vertical Cable Fire Exit Device

Standard Trim

	EO	DT	NL	NL-OP
				
	Exit only	Dummy Trim Pull When Dogged (Not recommended for fire device)	Night Latch Key Retracts Latchbolt	Night Latch Key Retracts Latchbolt Optional Pull Required
Product Description	9849EO-F 9949EO-F	— —	9849NL-F 9949NL-F	9849NL-OP-F 9949NL-OP-F
Trim Description	—	990DT	990NL-R/V	110NL-MD
Escutcheon Plate Size	—	3" x 14 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	3" x 14 ³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	—
Pull Center to Center	—	5 ¹ / ₂ " (140mm)	5 ¹ / ₂ " (140mm)	—
Projection	—	2" (51mm)	2" (51mm)	—
ANSI Function	01	02	03	03
Cylinder Type	—	—	Rim	Rim
Handing	—	—	—	—
Optional Trim see pages 44-46	x990EO x996EO	x996K-DT x996L-DT x696DT x697DT	x996K-NL x996L-NL x696NL x697NL	
Quantity needed Optional 425 SNB	6	2	2	6

	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 (Not recommended for fire device)
Product Description	9849L-F 9949L-F	9849L-NL-F 9949L-NL-F	9849L-BE-F 9959L-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
Quantity needed Optional 425 SNB	2	2	2	2

Optional Trim

Knobs

Thumbpieces

Lever Designs

* Electrified lever operation available.

Standard Door Height	
Feet	Inches
6'8"	80"
7'	84"
8'	96"
9'	108"
10'	120"

Note:

Non-standard sizes available with extended lead time.
Consult Customer Care for more information 1-877-671-7011.