

# 9849WDC-F/9949WDC-F

VON DUPRIN

## Wood Door Concealed Vertical Cable Fire Device



**9849WDC-F/9949WDC-F fire exit concealed vertical cable device** for use on pairs of doors up to 8' x 9' 3" (2438mm x 2819mm) double wood doors, 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 9849WDC-F device has a smooth mechanism case and the 9949WDC-F device has a grooved case. The concealed vertical cable device is non-handed except when the following device options are used: SS (Signal Switch). See Opposite page for available outside trim and functions.

**Scalp Plate** – Device is furnished standard with an 8" (203mm) long scalp plate for easy access to rods. *Note: Do not use on pair of doors with 9975.*

**Finishes** – US3, US3A, US4, US4A, US10, US15, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 & 643E. 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 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 13/16" (1006 mm) Standard
<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, 1 1/2" (38mm) throw
<b>Door Undercut</b>	3/4" (19mm) maximum
<b>Top &amp; Bottom Latch Case</b>	5 13/16" x 1 1/4" x 1 7/16" (147mm x 32mm x 37mm)
<b>Vertical Rods</b>	7/32" (6mm) Diameter Stainless Steel Cables
<b>Fasteners &amp; Sex Bolts (SNB)</b>	Includes screw pack for 1 3/4" (44mm) and 2 1/4" (57mm) thick wood doors. 425 SNB <i>required</i> on wood doors without SLM blocking.
<b>Electric Options</b>	<b>ALK</b> Alarm Exit Kit <b>CX</b> Chexit Delayed Exit <b>E</b> Electric Unlocking and Locking Trim <b>EL</b> Electric Latch Retraction <b>HD-EL</b> Electric Latch Retraction w/ Hex Dogging <b>LX</b> Latchbolt Monitor Switch <b>QEL</b> Quiet Electric Latch Retraction <b>RX2</b> Double Pushpad Monitor Switch <b>RX996L</b> Trim Monitor Switch <b>RX</b> Pushpad Monitor Switch <b>RXLC</b> Pushpad Monitor Switch - Low Current <b>SS</b> Signal Switch <b>WP-RX</b> Waterproof Request to Exit
<b>Mechanical Options</b>	<b>GBK</b> Glass Bead Kit <b>LBL</b> Less Bottom Latch <b>PN</b> Pneumatic Latch Retraction <b>SEC</b> Security Screws <b>SG</b> Safety Glow <b>SLM</b> SLM Blocking <b>SNB</b> Sex Bolts
<b>Dogging Option</b>	No Mechanical Dogging. EL and QEL option available.
<b>Strikes</b>	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

**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

9849WDC-F/9949WDC-F Wood Door Concealed Vertical Cable Fire Device

## Standard Trim

	EO	DT	NL	NL-OP
				
	<b>Exit only</b>	<b>Dummy Trim</b> Pull When Dogged (Not recommended for fire device)	<b>Night Latch</b> Key Retracts Latchbolt	<b>Night Latch</b> Key Retracts Latchbolt Optional Pull Required
Product Description	9849WDC-EO-F 9949WDC-EO-F	— —	9849WDC-NL-F 9949WDC-NL-F	9849WDC-NL-OP-F 9949WDC-NL-OP-F
Trim Description	—	990DT	990NL-R/V	110NL-WD
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)	—
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)	—
ANSI Function	01	02	03	03
Cylinder Type	—	—	Rim	Rim
Handing	—	—	—	—
<b>Optional Trim</b> see pages 44-46	x990EO x996EO	x996K-DT x996L-DT) x996L-DT x696DT x697DT	x996K-NL x996L-NL x996L-NL x696NL x697NL	
Quantity needed Optional 425 SNB	6	2	2	6

	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 (Not recommended for fire device)
Product Description	9849WDC-L-F 9949WDC-L-F	9849WDC-L-NL-F 9949WDC-L-NL-F	9849WDC-L-BE-F 9949WDC-L-BE-F	— —
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 2 <sup>7</sup> / <sub>32</sub> " (70x273x21mm)	2 <sup>3</sup> / <sub>4</sub> " X 10 <sup>3</sup> / <sub>4</sub> " X 2 <sup>7</sup> / <sub>32</sub> " (70x273x21mm)	2 <sup>3</sup> / <sub>4</sub> " X 10 <sup>3</sup> / <sub>4</sub> " X 2 <sup>7</sup> / <sub>32</sub> " (70x273x21mm)	2 <sup>3</sup> / <sub>4</sub> " X 10 <sup>3</sup> / <sub>4</sub> " X 2 <sup>7</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
Quantity needed Optional 425 SNB	2	2	2	2

Optional Trim
 <b>Knobs</b>
 <b>Thumbpieces</b>
 <b>Lever Designs</b>

\* 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.