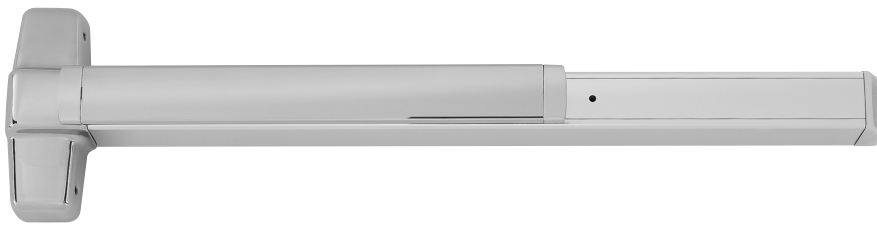


9847WDC/9947WDC Wood door concealed vertical rod device



9847WDC/9947WDC Concealed vertical rod device for use on single or double wood doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2014 Grade 1. The 9847WDC device has a smooth mechanism case and the 9947WDC 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 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 9875/9975.

Finishes – US3, US4, US10, US26, US26D, US28 and 313. 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' (610 mm) 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 ³ / ₈ " (1006 mm) Standard Adjustable from 35 ⁵ / ₈ " (905mm) to 49 ⁵ / ₈ " (1260mm)	
Center case	8" x 2 ³ / ₄ " x 2 ³ / ₈ " (203mm x 70mm x 60mm)	
Mechanism case	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 bolt, ⁵ / ₈ " (16mm) throw	
Door undercut	1/4" (7mm) maximum	
Top and bottom Latch case	3 ³ / ₄ " x 1 ¹ / ₂ " x 1" (95mm x 38mm x 25mm)	
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 and sex bolts (SNB)	Includes screw pack for 1 ³ / ₄ " (44mm) to 2 ¹ / ₄ " (57mm) thick wood doors. 425 SNB required on wood doors without SLM blocking.	
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
	CON	Allegion Connect
Mechanical options	GBK	Glass bead kit
	PN	Pneumatic latch retraction
	PL	Pullman latch
	LBR	Less bottom rod
	SNB	Sex bolts
	SEC	Security screws
Dogging feature	Hex key dogging standard	
Dogging option	CD	Cylinder dogging
	CDSI	Cylinder dogging with security indicator
	HDSI	Hex dogging with security indicator
	LD	Less dogging
	DI	Dogging indicator
	CI	Cylinder dogging indicator
Strikes	Top – 338 - Unfinished, Bottom – 385A - Unfinished	



Hex key dogging comes standard on 9847/9947 Wood door concealed vertical rod devices

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

PL
Pullman latch
• Not for use with Fire Exit Hardware

QEL
Quiet electric latch retraction
• Bolt retraction via switch
• Converts exit door to push-pull operation

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

E (E996L)
Electrified breakaway lever
• Electrified remote locking/unlocking
• Standard in fail safe condition






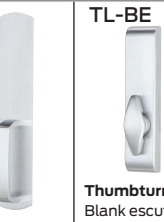
RX
Pushpad monitor switch
• Signals use of an opening
• SPDT switch to monitor pushpad





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

CON
Allegion Connectors
• Common connectors to connect various door hardware all the way to the power supply

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Standard trim

	EO  No outside trim Exit only	DT  Dummy trim Pull when dogged	NL  Night latch Key retracts latchbolt	NL-OP  Night latch Key retracts latchbolt optional pull required	TL  Thumbturn Key locks and unlocks (use with DT trim)	TL-BE  Thumbturn Blank escutcheon always operable (no cylinder) (use with DT trim)
Product description	9847WDC-EO 9947WDC-EO	9847WDC-DT 9947WDC-DT	9847WDC-NL 9947WDC-NL	9847WDCNL-OP 9947WDCNL-OP	9847WDC-TL 9947WDC-TL	9847WDC-TL-BE 9947WDC-TL-BE
Trim description	—	990DT	990NL-R/V	110NL-WD	376TWDC x 990DT	376TWDC-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)	—	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	—	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 x696DT x697DT	x996K-NL x996L-NL x696NL x697NL			
Optional #425 SNB quantity for device	6	2	2	6	2	2

	L  Lever Key locks and unlocks	L-NL  Lever – night latch Key retracts latchbolt	L-BE  Lever – blank escutcheon Always operable (no cylinder)	L-DT  Lever dummy trim pull when dogged
Product description	9847WDC-L 9947WDC-L	9847WDC-L-NL 9947WDC-L-NL	9847WDC-L-BE 9947WDC-L-BE	9847WDC-L-DT 9947WDC-L-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