9847/9947 Concealed vertical rod device

338
Top Strike

385A
Bottom Strike

Top Latch

Bottom Latch

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 – 2008 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" (610 mm) 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$^3/_4$" x2$^3/_8$" (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) recommended
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) to 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 **CON** Allegion Connect
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 Dogging option	Hex key dogging standard **CD** Cylinder dogging **SD** Special center case dogging **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 Concealed vertical rod devices

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

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

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

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

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

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

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
	No outside trim 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	**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	374T-BE X 990DT
Escutcheon plate size	—	3" x 14$^{13}/_{16}$" x $^3/_{32}$" (76x360x2mm)	3" x 14$^{13}/_{16}$" x $^3/_{32}$" (76x360x2mm)	—	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	—	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	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 9947LF	9847L-NL 9947L-NL	9847L-BE 9947L-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

🔥 9847-F/9947-F Concealed vertical rod fire exit device

9847-F/9947-F Fire exit concealed vertical rod device for use on pairs of doors up to 8' x 10' (2438mm x 3048mm) , UL listed for fire exit hardware. See page 68 for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2008 Grade 1. The 9847-F device has a smooth mechanism case and the 9947-F device has a grooved case. The concealed vertical rod 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, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 & 643E. US15 and US32D available with 98 Series only.

Top Latch

338
Top Strike

385A
Bottom Strike

Bottom Latch

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 (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	39⁵/₈" (1006 mm) Standard Adjustable from 35⁵/₈" (905mm) to 49⁵/₈" (1260mm)
Center case dimensions	8" x 2³/₄" x2³/₈" (203mm x 70mm x 60mm)
Mechanism case dimensions	2¹/₄" x 2¹/₄" (57mm x 57mm)
Projection	Pushbar neutral – 3¹³/₁₆" (97 mm) Pushbar depressed – 3¹/₁₆" (78 mm)
Latch bolt	Deadlocking top & bottom bolt, ⁵/₈" (16mm) throw
Door undercut	¹/₄" (7mm) recommended
Top & bottom Latch case	3³/₄" x 1¹/₂" 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 35⁵/₈" (905 mm) to 49⁵/₈" (1260 mm). Extension rod kits available for doors over 8'4" (2533mm).
Fasteners & sex bolts (SNB)	Includes screw pack for 1³/₄" (44mm) to 2¹/₄" (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 CON Allegion Connect
Mechanical options	LBR Less bottom rod PN Pneumatic latch retraction GBK Glass bead kit SNB Sex bolts SEC Security screws SLM Special laminate material blocking
Dogging option	No mechanical dogging. EL and QEL option available
Strikes	Top – **338** - Unfinished, Bottom – **385A** - Unfinished

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

RG
Rod guard
· Protection from carts/gurneys
· Eases wheelchair access

EL
Electric latch retraction
· Enables remote unlatching
· Alternative to manual dogging

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

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

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

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

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

Standard trim

	EO	DT	NL	NL-OP	TL	TL-BE
	No outside trim 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	Thumbturn Key locks & unlocks (use with DT trim)	Thumbturn Blank escutcheon always operable (no cylinder) (use with DT trim)
Product description	9847EO-F 9947EO-F	— —	9847NL-F 9947NL-F	9847NL-OP-F 9947NL-OP-F	9847TL-F 9947TL-F	9847TL-BE-F 9947TL-BE-F
Trim description	—	990DT	990NL-R/V	110NL-MD	376T X 990DT	374T-BE X 990DT
Escutcheon plate size	—	3" x 14 $^{13}/_{16}$" x $^3/_{32}$" (76x360x2mm)	3" x 14 $^{13}/_{16}$" x $^3/_{32}$" (76x360x2mm)		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	—	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			
#425 SNB optional - HMD req. WD w/o SLM pkg.	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-F 9947L-F	9847L-NL-F 9947L-NL-F	9847L-BE-F 9947L-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
#425 SNB optional - HMD req. WD w/o SLM pkg.	2	2	2	2

* Electrified lever operation available

Notes