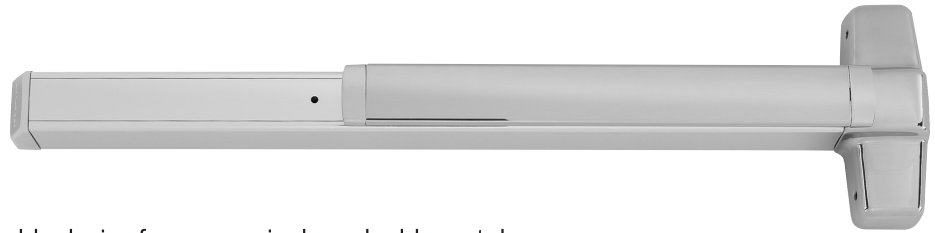


9849/9949 Concealed vertical cable device



9849/9949 Concealed vertical cable device for use on single or double metal doors, UL listed for panic exit hardware. These are certified to ANSI/BHMA A156.3 2014, Grade 1. The 9849 device has a smooth mechanism case and the 9949 device has a grooved case. The concealed vertical cable device is non-handed except when the following device options are used: SD (special dogging), or SS (signal switch).

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 914mm) Door size 4' 2'10" to 4' (864mm to 1219mm) Door size
Device centerline from finished floor	39 5/8" (1006 mm)
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" (97mm) Pushbar depressed – 3 1/16" (78mm)
Latch bolt	Deadlocking top and bottom bolt, 1/2" (13mm) throw
Door undercut	3/4" (19mm) maximum (24231516 spacer block kit needed for 3/4" undercut)
Top and 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
Finishes	605, 606, 612, 625, 626/626AM, 628, 710, 711 and 643e (619 and 630 available with 98 Series only)
Fasteners and sex bolts (SNB)	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal doors (Optional 425 SNB available)

Features and options

Electrified options

- LX*** Latch bolt monitor switch
- RX** Request to exit
- RX2** Double request to exit
- E** Electric locking and unlocking 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

- AX** Accessible device
- GBK** Glass bead kit
- LBL** Less bottom latch
- PN** Pneumatic latch retraction
- SG** Safety glow
- SNB** Sex bolts
- SEC** Security screws
- WH** Weep holes

Dogging option

No mechanical dogging;
EL and QEL options available

Dogging options

- CD** Cylinder dogging
- CD-CX** Chexit cylinder dogging
- CDSI** Cylinder dogging with security indicator
- HDSI** Hex dogging with security indicator
- SD** Special center case dogging
- LD** Less dogging
- DI** Dogging indicator
- CI** Cylinder dogging indicator

Strikes

- Top – 249 – Unfinished**
- Bottom – 349 – Unfinished**

*For 98/9949 devices, LX switch monitors trim input or electric dogging of EL/QEL devices. LX switch does not monitor latch bolt condition.

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Accessories

249 Top strike



349 Bottom strike



338 Filler plate (retrofit bracket)



Top latch



Center slide

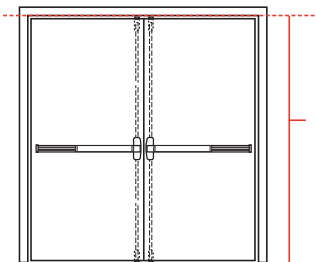


Bottom latch

Cable detail



Hex key dogging
Comes standard on 9849/9949 concealed vertical cable devices



Door opening height is distance from bottom of frame header to finished floor.
See table on left for standard offering.

Nominal door opening height		Top cable part number	Bottom cable part number
72" - 82"	6'0" - 6'10"	47250398	47250403
*82" - 96"	*6'10" - 8'	47250175	47250178
>96" - 110"	>8'0" - 9' 2"	47250176	47250179
>110" - 120"	>9'2" - 10'	47250177	47250180

*Default door opening height. Specify door opening height if other than the default. For door heights less than 6'0" and greater than 10', contact our Customer Care department to discuss your specific application needs.