

9827-F/9927-F Surface mounted vertical rod fire device 

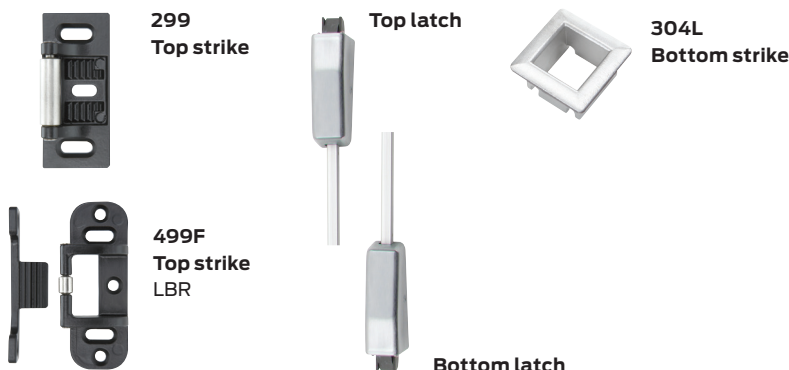


9827-F/9927-F Fire exit surface mounted vertical rod device are certified to ANSI/BHMA A156.3 2014, Grade 1 and UL listed for fire exit hardware. See page 67 for detailed information on UL fire exit hardware label and door opening size information. The 9827-F device has a smooth mechanism case and the 9927-F device has a grooved case. The surface vertical rod device is non-handed except when the following device options are used: SS (signal switch), and WS (tornado/hurricane). Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors. Rod and latch guards can be used on hollow metal or tin clad composite fire doors.

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 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" (97 mm) Pushbar depressed – 3 1/16" (78 mm)
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5/8" (16mm) throw
Door undercut	1/4" (7mm) recommended
Top and bottom latch case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical rods	1/2" square tubing, standard rods accommodate 7' (2134mm) doors. Top rod length: 34 15/16" (887mm); Bottom rod length: 31 1/2" (794mm). Extension rods available in 3' (914mm) for doors over 7' One piece top rod is available for 8' (2438mm) and 10' (3048mm) doors
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 or wood doors, and 325 SNB for top and bottom latch (Optional 425 SNB available)

Accessories



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 (LBR only)
- GBK** Glass bead kit
- LBR** Less bottom rod
- PL** Pullman latch
- PN** Pneumatic latch retraction
- QM** Quiet mechanical
- SNB** Sex bolts
- SEC** Security screws
- SLM** Special laminate material blocking
- WH** Weep holes
- WS** Tornado and hurricane tested

Dogging option

No mechanical dogging;
EL and QEL options available

Strikes

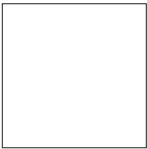
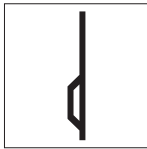
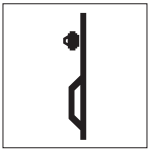
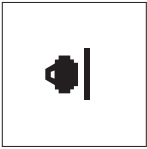
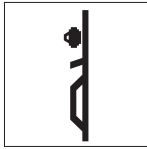
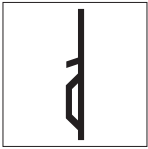

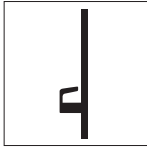
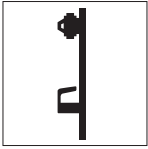
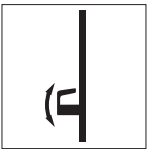
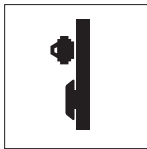
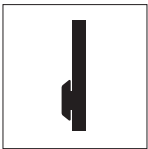
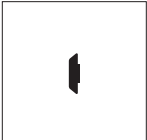

Top – 299F – (499F LBR) Dull black
Bottom – 304L – Unfinished

Trim functions

Von Duprin protects your investment by empowering you to adapt with flexible solutions and modular options. The 98/99 Series features numerous trim options to serve your different needs. Designed with flexibility in mind, our solutions offer ease of adding new options as they are developed.

With Von Duprin, you can be confident that as the needs of your facility change, our products can be upgraded easily to meet your needs, especially as the mechanical and electronic technology converge. Von Duprin’s versatile design enables you to add functionality to existing devices in a cost-effective way, protecting your investment well into the future.

A variety of device trim lock type functions such as key lock and unlock, latch bolt retraction with key and no cylinder designs for an “always operable” function are available in levers, knobs, latches, thumbpiece and thumbturn designs.

 <p>EO No outside trim</p> <ul style="list-style-type: none"> Exit only 	 <p>DT Dummy trim</p> <ul style="list-style-type: none"> Pull when dogged (not recommended for fire device) 	 <p>NL Night latch</p> <ul style="list-style-type: none"> Key retracts latchbolt Rim and 1 ¼" mortise cylinder
 <p>NLOP Night latch</p> <ul style="list-style-type: none"> Key retracts latchbolt, pull required 	 <p>TP Thumbpiece</p> <ul style="list-style-type: none"> Key locks and unlocks Rim and 1 ¼" mortise cylinder 	 <p>TPBE Thumbpiece, blank escutcheon</p> <ul style="list-style-type: none"> Blank escutcheon always operable (no cylinder, use with DT trim)
 <p>L Lever K Knob</p> <ul style="list-style-type: none"> Key locks and unlocks Rim and 1 ¼" mortise cylinder Handed, reversible lever Electrified lever operation available 	 <p>LDT Lever, dummy trim KDT Knob, dummy trim</p> <ul style="list-style-type: none"> Pull when dogged 	 <p>LNL Lever, night latch KNL Knob, night latch</p> <ul style="list-style-type: none"> Key retracts latchbolt Rim and 1 ¼" mortise cylinder Handed, reversible lever
 <p>LBE¹ Lever, blank escutcheon KBE Knob, blank escutcheon</p> <ul style="list-style-type: none"> Always operable (no cylinder) 	 <p>TL Turn lever</p> <ul style="list-style-type: none"> Key locks and unlocks (use with DT trim) 1 ¼" mortise cylinder 	 <p>TLBE Turn lever, blank escutcheon</p> <ul style="list-style-type: none"> Blank escutcheon always operable (no cylinder, use with DT trim)
 <p>TLOP Turn lever, optional pull</p>	 <p>HL Hospital latch</p> <ul style="list-style-type: none"> Key locks and unlocks 1 ¼" mortise cylinder 	

Trim options

No trim



Trim description		
Nomenclature	EO	110NL-MD 110NL-WD
Trim function	No outside trim	Night latch optional pull
Function description	Exit only	Key retracts latch bolt, optional pull required
ANSI function	01	03
Device compatibility		
98/99/ XP98/XP99 Rim	■	■
98/99/ XP98/XP99 Rim-F	■	■
98/9927/27-F	■	■
98/9947/47-F	■	■
98/9947WDC/WDC-F	■	■
98/9948/48-F	■	■
98/9949/49-F	■	■
98/9950WDC/50WDC-F	■	■
98/9952†	■	
98/9957/57-F	■	■
98/9975/75-F	■	
Dimensions		
Escutcheon plate size	—	—
Pull center to center	—	—
Projection	—	—
Handing		
	—	—
Cylinder type		
Rim or vertical device	—	Rim
Mortise lock device	—	—

† Default trim is 252L /L-BE. Must be ordered as EO when paired with other trims (ordered separately).

Trim options

Electronic locks from Schlage

Exit device compatibility¹

	Rim	SVR ²	CVR/CVC	Mortise
Von Duprin 98/99 and 98/99 XP	✓	✓	✓	✓
Von Duprin 22/22F	✓	✓		
Falcon 25	✓			

- See CO Series exit trim compatibility datasheet for complete list of compatibility by manufacturer.
 - CO-220 is not compatible with surface vertical rod (SVR) devices.
- Note: Exit device must be ordered as Exit Only (EO).

Credential compatibility

The CO Series is compatible with many different credential types. For customers with an installed base of iButtons®, a combo proximity keyfob with iButton option is available to make an easy transition to proximity technology.

Class

CO-100

- Manually programmable
- Keypad only
- User rights stored on the lock
- Remote release, outdoor use and occupancy indication options

CO-200

- Computer or manually programmable
- Keypad, magnetic stripe (+PIN), proximity (+PIN)
- User rights stored on the lock
- Ability to provide schedules and audits

CO-220

- Computer or manually programmable
- Keypad, magnetic stripe (+PIN), proximity (+PIN)
- User rights stored on the lock
- Ability to provide schedules and audits
- Classroom lockdown function via fob

CO-250

- Computer programmable
- User rights stored on the card

Chassis

- Cylindrical
- Mortise
- Mortise deadbolt
- Exit trim

Functions

- Classroom/storeroom
- Office
- Privacy

Power

- 4 standard (AA) batteries

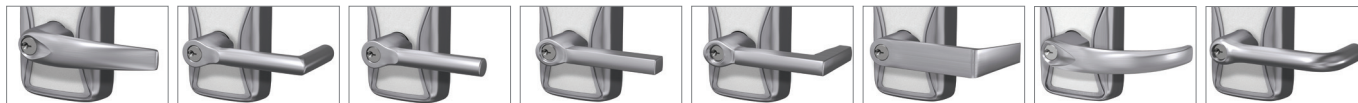
Reliability

When it comes to securing your facility, you can't afford to take chances. CO Series locks are tested to the highest quality and reliability standards in the industry, including:

- ANSI/BHMA A156.25 and ANSI/BHMA Grade 1
- UL 294
- UL 10C
- ADA

Lever styles and finishes for AD and CO Series

Lever options



Athens

Boardwalk

Broadway

Latitude

Longitude

Rhodes

Sparta

Tubular

Finish options							
Color	Bright brass	Satin brass	Satin bronze	Satin nickel	Bright chrome	Satin chrome	Aged bronze
ANSI/BHMA number	605	606	612	619	625	626/626AM	643e