🔥 2227-F Surface mounted vertical rod fire exit device

2227-F Surface mounted vertical rod fire exit device for pairs of doors up to 8' x 10' (2438 mm x 3048 mm), UL listed for Fire Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. Fits door stiles as narrow as $3^5/_8$" (92 mm). See opposite page for available outside trim and device functions. The device is non-handed.

Finishes – SP28 & SP313.

Top latch

299F Top strike

304L Bottom strike

Bottom latch

Specifications

Device functions	Ships ready for all functions, EO, DT, NL, TP, K, L
Device lengths	3' (914 mm) see minimum door opening chart at bottom of page 4' (1219 mm) see minimum door opening chart at bottom of page
Door height	7' (2134 mm) standard door height extension rods available for door heights up to 10' (3048mm) 12" (205 mm), door height 36" (914 mm), door height
Device centerline from finished floor	$39^{13}/_{16}$" (1011 mm)
Center case dimensions	$4^1/_4$" (108 mm) x $1^3/_8$" (41 mm) x $2^3/_8$" (60 mm)
Mechanism case dimensions	2" (51 mm) x $3^3/_4$" (95 mm)
Projection push bar	Push bar neutral - $3^3/_4$" (95 mm) Push bar depressed - 3" (76 mm)
Door undercut	$1/_4$" (7 mm) from finished floor recommended
Latch bolt	Deadlocking anti-friction top and bottom bolt, $5/_8$" (16 mm) throw
Fasteners & sex bolts (SNB)	Includes $1^3/_4$" (44 mm) and $2^1/_4$" (57 mm) wood & metal doors. Optional SNB available for device.
Electric options	**LX** latchbolt monitor switch **RX** pushpad monitor switch **RX2** double pushpad monitor switch **ALK** alarm exit kit **CON** Allegion Connect
Mechanical options	**PL** pullman latch **GBK** glass bead kit **RG** rod guards **LG** latch guards
Dogging feature	No mechanical dogging
Strikes	Top 299F – (499F LBR) – Dull black Bottom 304L – Unfinished

Minimum door opening chart

Stop height	Strike	Single door	Double door w/mullion	Minimum door opening for 3' device*	Minimum door opening w/ALK*
$1/_2$"	N/A	Yes	Vert. x Vert.	25.875" (657 mm)	32.625" (829 mm)
$5/_8$"	N/A	Yes	Vert. x Vert.	26.000" (664 mm)	32.750" (832 mm)

*For 4' device, add 6" (152 mm)

RX

Pushpad monitor switch
- Signals use of an opening
- SPDT switch to monitor pushpad

RX2

Double pushpad monitor switch
- Uses two RX switches

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

LX

Latchbolt monitor switch
- Signals use of opening
- SPDT Switch to monitor latchbolt