

2227 Surface mounted vertical rod device



2227 Surface mounted vertical rod exit device for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2008 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. Fits door stiles as narrow as 3⁵/₈" (92 mm). The device is non-handed.

Finishes – SP28 & SP313.

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 ¹ / ₄ " (7 mm) from finished floor recommended , 3 ³ / ₄ " (19mm) maximum or 1 ¹ / ₈ " (3mm) from threshold
Latch bolt	Deadlocking anti-friction top and bottom bolt, 5 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	Hex key dogging standard
Dogging options	LD less dogging
Strikes	299 – Dull black Bottom 248L-4 and 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 ¹ / ₂ "	N/A	Yes	Vert. x Vert.	25.875" (657 mm)	32.625" (829 mm)
5 ⁵ / ₈ "	N/A	Yes	Vert. x Vert.	26.000" (664 mm)	32.750" (832 mm)

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



Hex key dogging comes standard on 2227 Surface mounted vertical rod device



LX Latchbolt monitor switch

- Signals use of opening
- SPDT Switch to monitor latchbolt

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

Standard trim

	EO	DT	NL	NL-OP
				
	No outside trim Exit only	Dummy trim Pull when dogged	Night latch Key retracts latchbolt	Night latch Key retracts latchbolt optional pull required
Product description	2227EO	2227DT	2227NL	2227NL-OP
Trim description	—	210DT*	210NL*	110NL-MD* 110NL-WD*
Escutcheon plate size	—	5 ³ / ₈ " x 4 ²⁵ / ₃₂ " x 3 ³ / ₃₂ " (137 x 121 x 2 mm)	5 ³ / ₈ " x 4 ²⁵ / ₃₂ " x 3 ³ / ₃₂ " (137 x 121 x 2 mm)	—
Pull center to center	—	—	—	—
Projection	—	1 ³¹ / ₃₂ " (42 mm)	1 ³¹ / ₃₂ " (42 mm)	—
ANSI function	01	02	03	03
Cylinder type	—	—	Rim	Rim
Handing	—	—	—	—
Optional trim	230EO	230DT	230NL	—
Optional #425 sex bolt quantity for device	6 (with no trim) 2 (with EO trim)	2	2	6

*ANSI/BHMA A156.3 (2008) Grade 1 trim

	TP	K	L
			
	Thumbpiece Key Locks & Unlocks	Knob Key Locks & Unlocks	Lever Key Locks & Unlocks
Product description	2227TP	2227K	2227L
Trim description	230TP*	210K	230L*
Escutcheon plate size	3" x 12 ¹ / ₁₆ " x 3 ³ / ₃₂ " (76 x 306 x 2 mm)	3" x 4 ²⁵ / ₃₂ " x 3 ³ / ₃₂ " (76 x 121 x 2 mm)	3" x 6 ³ / ₈ " x 1 ⁵ / ₁₆ " (76 x 162 x 24 mm)
Pull center to center	5 ¹ / ₂ " (140 mm)	—	—
Projection	2" (51 mm)	2 ¹⁵ / ₁₆ " (75 mm)	2 ⁵ / ₈ " (67 mm)
ANSI function	05	08	08
Cylinder type	1 ¹ / ₄ " Mortise	Furnished	1 ¹ / ₄ " Mortise
Handing	—	—	—
Optional trim	230TP-BE	210K-BE	230L-BE
Optional #425 sex bolt quantity for device	2	2	2

*ANSI/BHMA A156.3 (2008) Grade 1 trim

UL Listings, grade, type, function options & dimensions

UL Listed — Fire exit hardware label/opening size

Exit device	Door material	Single door		Double door					
				With mullion		Same direction**		Double egress	
22-F	HM	3 Hour	4' x 8'	3 Hour	8' x 8'	—	—	—	—
22-F	WD	90 Minute	4' x 8'	90 Minute	8' x 8'	—	—	—	—
2227-F	HM	—	—	—	—	90 Minute*	8' x 10'	3 Hour	8' x 10'
2227-F	WD	—	—	—	—	20 Minute*	8' x 10'	90 Minute*	8' x 9'
2227-F	WD	—	—	—	—	90 Minute*	8' x 9'	—	—
2227-F-LBR	HM	—	—	—	—	90 Minute*	8' x 10'	3 Hour	8' x 10'
2227-F-LBR	WD	—	—	—	—	20 Minute*	8' x 10'	90 Minute*	8' x 9'
2227-F-LBR	WD	—	—	—	—	90 Minute*	8' x 9'	—	—

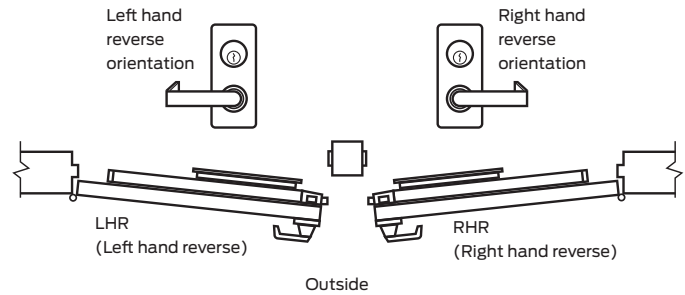
ANSI Function, grade & type

*UL listing for wood doors may be for a specific door manufacturer. Consult wood door manufacturers for current UL listings.

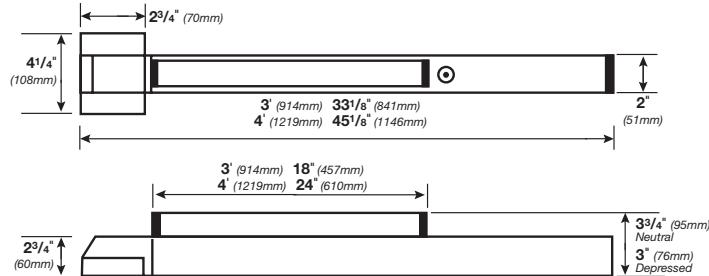
**Currently, no door manufacturers offer a listing over 90 minutes with doors swinging same direction.

Function	Grade 1 type 1	Grade 1 type 2
01	22EO & 22EOF	2227EO & 2227EO-F
02	22DT	2227DT
03	22NL & 22NL-F	2227NL & 2227NL-F
05	22TP & 22TP-F	2227TP & 2227TP-F
08	22K & 22K-F	2227K & 2227K-F
08	22L & 22L-F	2227L & 2227L-F

Door handing

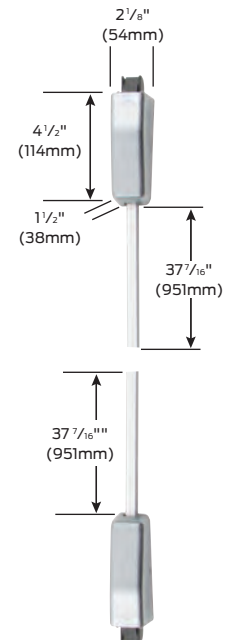


Dimensions



Vertical rod dimensions

Vertical rods are 1/2" (13 mm) square tubing



Finishes

Finishes*

	Color	US Number	BHMA Number
	Sprayed aluminum	SP28	689
	Sprayed dark bronze	SP313	695

* Note: Durable powder coated finishes available at specific special request. PLEASE CONTACT FACTORY.