

GRADE 1 WIDE STILE EXIT DEVICES

Concealed Vertical Rod Exit Device / Grade 1



SCH8650S/SCH8850S: Panic-Rated CVR Exit Device

SCH8650F/SCH880F: Fire-Rated CVR Exit Device



Certifications

- UL/cUL Listed: Certified as Panic Exit Hardware or 3-hour Fire-Rated Exit Hardware.
- ANSI Certification: Compliant with ANSI A156.3 - 2020 Grade 1 standard.

The above models are not suitable for doors with a height of 9' or 10'. For doors over 8', please order and specify

Model 10FT-8650S / 10FT-8850S (Panic-rated)

Model 10FT-8650F / 10FT-8850F (Fire-rated)

Applications

- Panic CVR exit devices are compatible with single and double doors. Fire CVR exit devices are UL-listed and designed for fire-rated door pairs up to 8' x 8' (2438 mm x 2438 mm).
- These CVR models cannot omit the bottom rod and cannot be used as Less Bottom Rod (LBR) devices.
- Finishes: US3, US4, US10, US10B, US26, US26D and US32D

Specifications

Device Lengths	Short (36"): 33 5/32" (842 mm); Long (48"): 45 1/8" (1146 mm)
Door Widths	36" - For 29" to 36" (736 mm to 914 mm) door size. 48" - For 33" to 48" (838 mm to 1219 mm) door size.
Minimum Stile Width	4 1/4" (107 mm)
Latch Boltset	Top latch - 5/8" (16mm) throw, can be deadlocked automatically. Bottom Latch - 5/8" (16mm) throw, remains retracted during door swing..
Strikes	Top - 813 (panic), 823 (fire). Bottom - 815 (panic), 825 (fire)
Dogging Kit	Panic devices: Standard Hex Key Dogging (RD). Fire-rated devices: No mechanical dogging (ND).
Dogging Options	Cylinder Dogging (CD) or Less Dogging (LD).
Mounting Fasteners	Panic Device: Comes standard with machine screws. Fire Device: Supplied standard with sex nuts and bolts (SNB).
Mounting Height	The device centerline is set at 40" (1016 mm) above the finished floor as standard.
Door Opening Height	The standard door height is 7' (2134 mm), with an option for 8' (2438 mm).
Vertical Rods	1/2" (13mm) diameter tubular Top rod has two pieces to connect for accommodating 7' or 8' door Bottom rod is one piece, its length is 31 1/4" (794mm)
Projection	Pushbar Neutral: 3 1/16" (78 mm) Pushbar Depressed: 2 19/32" (66 mm)

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WOOD DOOR CVR EXIT DEVICE

Wood Door Concealed Vertical Rod (CVR) Exit Device / Grader 1



SCHWD8650S/SCHWD8850S: Panic-Rated CVR Exit Device

SCHWD8650F/SCHWD8850F: Fire-Rated CVR Exit Device

Certifications

UL/cUL Listed : UL listed as Panic Exit Hardware or 3-hour Fire Exit Hardware

ANSI Certified : ANSI A156.3 - 2020 Grade 1

Reinforced
Plate

Applications

Panic CVR exit devices are suitable for all types of single and double doors. Fire CVR exit devices are used for UL listed fire labeled pairs of wood doors up to 8' x 8' (2438mm x 2438mm).

Finishes: US3, US4, US10, US10B, US26, US26D and US32D

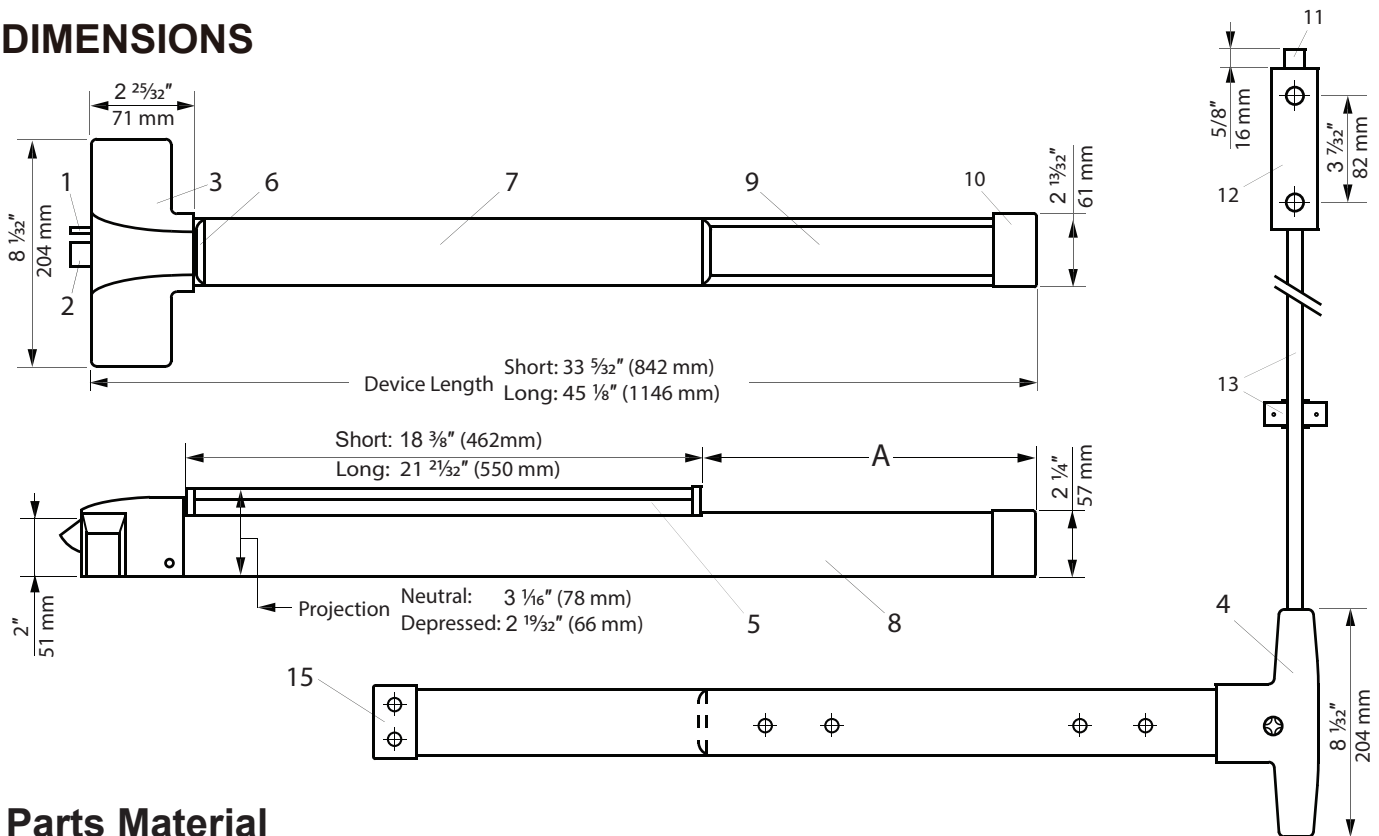
These devices are furnished with two (2) reinforced plates to strengthen both top edge and bottom edge of the wood door.

Specifications

Device Lengths	Short (36"): 33 ⁵ / ₃₂ " (842 mm); Long (48"): 45 ¹ / ₈ " (1146 mm)
Door Widths	36" - For 29" to 36" (736 mm to 914 mm) door size. 48" - For 838 mm to 1219 mm (33" to 48") door size.
Minimum Stile Width	4 ¹ / ₄ " (107 mm)
Latch Boltset	Top latch - 5/8" (16mm) throw, can be deadlocked automatically. Bottom Latch - 5/8" (16mm) throw, remains retracted during door swing.
Strikes	Top - 813 (panic), 823 (fire). Bottom - 815 (panic), 825 (fire)
Dogging Kit	Panic device - Hex key dogging (RD) standard. Fire device - Sex nuts and bolts (SNB) supplied standard.
Dogging Options	Cylinder Dogging (CD); Less Dogging (LD)
Mounting Fasteners	Sex nuts and bolts (SNB) are supplied as standard. Mounting with SNBs is required for wood doors.
Mounting Height	The device centerline is set at 40" (1016 mm) above the finished floor as standard.
Door Opening Height	The standard door height is 7' (2134 mm), with an option for 8' (2438 mm).
Vertical Rods	1/2" (13mm) diameter tubular Top rod has two pieces to connect for accommodating 7' or 8' door Bottom rod is one piece, its length is 31 ¹ / ₄ " (794mm)
Projection	Pushbar Neutral: 3 ¹ / ₁₆ " (78 mm) Pushbar Depressed: 2 ¹⁹ / ₃₂ " (66 mm)

DIMENSIONS & DEVICE LENGTH

DIMENSIONS



Parts Material

1. Auxiliary Guarded Latch	Stainless steel
2. Latch bolt, 3/4" (19mm) throw	Stainless steel
3. Chassis Cover	Nonferrous alloy or stainless steel
4. Chassis	Plated steel
5. Push Bar	Extruded aluminum
6. Push Bar End Cap	Nonferrous alloy
7. Push Bar Trim	Brass, stainless steel, steel
8. Mechanism Housing (or device body)	Extruded aluminum
9. Dogging Plate (or device body)	Extruded aluminum
10. End Cap	Nonferrous alloy
11. Top Latch, 5/8" (16 mm) throw	Stainless steel
12. Latch Assembly Cover	Nonferrous alloy
13. Top Vertical Rod & Rod Guide	Strong aluminum tube
14. Bottom Vertical Rod	Strong aluminum tube
15. End Cap Bracket	Plated steel
16. Bottom Latch, 5/8" (16 mm) throw	Stainless steel

Device Length

The devices are precut for 36" (914 mm) and 48" (1219 mm) wide doors (standard shipping size).

Short 36" : Device length is 33 5/32" (842 mm) for 3' door use, with short push bar.

Long 48" : Device length is 45 1/8" (1146 mm) for 4' door use, with long push bar.

For narrow doors, trim the "A" portion to fit a door width minus 2" (51 mm).

Standard vertical rods fit 7' (2134 mm) panic exit doors or 8' (2438 mm) fire exit doors. For taller doors, specify the height when ordering to receive a longer top rod.