500 & 600 Series Exit Devices

Value Product

Certification& Compliance:

- ANSI/BHMA A156.3, Grade 1
- Underwriters Laboratories (UL and CUL) Listed for accident hazard (panic) standard.
- Fire Exit hardware for hollow metal doors, UL and CUL listed for 3 hour, A label and lesser doors, Suffix "-FR" after part number.
- Fire Exit hardware for wood doors, listed up to 1-1/2 hour, B label doors
- All exit devices comply with life safety code NFPA 101
- All fire rated devices comply with fire door and window code NFPA80.

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600 Series
Vertical Rod Exit Device

500 Series
Rim Exit Device

General Specifications:

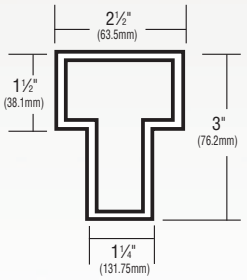
	500	600
Chassis	Non-ferrous materials	Non-ferrous alloy
Chassis Cover	Black Lexan	Black Lexan
Door Type	Hollow metal or aluminum	Hollow metal or aluminum
Door Thickness	1-3/4" (44.5mm) thick doors standard. 500DK Kits available for use with 161 door prep	1-3/4" (44.5mm) thick doors standard. 500DK Kits available for use with 161 door prep
Stile	4-1/2" (144.30mm) minimum	3-1/2" (144.30mm) minimum
Mounting	Wood and Machine screws furnished standard	Wood and Machine screws furnished standard
Handing	Reversible	Reversible
Dogging	Hex-type hold down not available with fire rated devices	Hex-type hold down not available with fire rated devices
Latchbolt	Stainless Steel	Top bolt - stainless; Bottom bolt - brass, -FR top and bottom bolts - stainless
Rail Assembly	Powder Coated Steel	Powder Coated Steel
Fire Exit Hardware-up to:	4' x 8' single door, 8' x 8' pairs of doors	8' x 8'
Trim	See trim page 133	See trim page 133
Finishes	Exit devices & Pulls: AL & DBZ, Lever Trim 10B &26D	Exit devices & Pulls: AL & DBZ, Lever Trim 10B &26D
Strike	S38 Strike	Top 646, Bottom S23
Size		90" Standard, Optional door height available 96"
Door Width	530 Device is for 36" door can be cut for a minimum 30" door width. 540 Device is for 48" door can be cut for a minimum 37" door width	630/638 Device is for 36" door can be cut for a minimum 30" door width. 640/648 Device is for 48" door can be cut for a minimum 37" door width

Mullions & Accessories Series Exit Devices

Mullions & Accessories:

S20

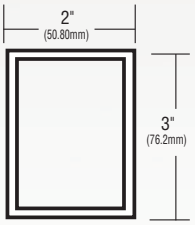




Removable Mullion - S20
- Prime Coated aluminum
- 96" standard, 120" available
- Funished standard with top retainer (S10) and bottom retainer (S11)

S21





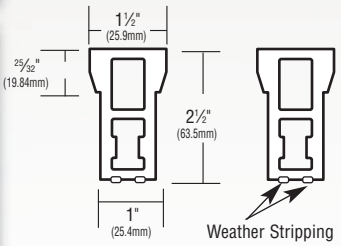
Removable Mullion - S21
- U.L. and C.U.L. Labeled for use with 3 hour fire doors.
- 2" x 3" channel iron;
- 96" standard, 120" available
- Furnished standard with malleable iron top retainer (S88) and bottom retainer (S89).
- Lengths from 97" to 120" do not carry U.L. fire label.

S20-N

S91



S92



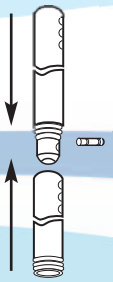
S20-N
- Prime coated aluminum
- 96" standard, 120" available
- For use with narrow stile exit devices.
- Includes mullion, two #S55 strikes, two #S90 stabilizers, #S91 top bracket, #S92 bottom bracket.



S3000 Dummy Rail
A non-functioning rail assembly for use on double doors. Matches S3000 and S4000 series exit devices. Available in sizes 24 (for 24"-29" doors), 36 (for 30"-36" doors), 48 (for 37"-48" doors). Bars can be cut down in the field. For stile width under 4-1/2", specify next larger size. Available in finishes – 3, 4, 10, 10B, 32, 32D, AL, BRZ.



Cylinder Dogging Rail
- Optional cylinder dogging available



VRX-18 Rod Extension
- Prime Coated aluminum
- 96" standard, 120" available
- Furnished standard with top retainer (S10) and bottom retainer (S11)

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Mullions:

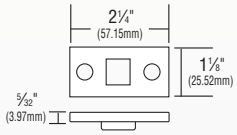
Description	Part No.
Removable mullion - 96"	S20
Removable Mullion - 120"	S20-120
Key removable mullion - 96", less cylinder	S20-K
Removable mullion for narrow stile - 96"	S20-N
Removable mullion for narrow stile - 120"	S20-N-120
Fire-rated removable mullion - 96"	S21
Fire-rated key removable mullion - 96", less cylinder	S21-K
Top retainer for S20	S10
Bottom retainer for S20	S11
Top retainer for S20-N	S91
Bottom retainer for S20-N	S92
Stabilizer for S20-N	S90
Top retainer for S21	S88
Bottom retainer for S21	S89

Fire Labeled Hardware Exit Devices

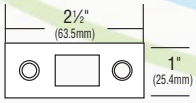
Selection chart for A through E labeled doors

For reference only. Refer to latest UL building materials list for complete information.

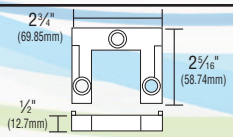
Application	Type	Narrow Device	Standard Device	Maximum Door Opening
Single Door	Rim	—	FS1250 1800-FR 3800-FR	4′0″ x 8′0″
	Mortise	4900-FR	1900-FR 3900-FR	4′0″ x 8′0″
Double Doors with S21 Mullion	Rim	—	FS1250 x FS1250 1800-FR x 1800-FR 3800-FR x 3800-FR	8′0″ x 8′0″
	Mortise x concealed vertical rod	4900-FR x 4600-FR	3900-FR x 3600-FR	8′0″ x 8′0″
Double Doors without Mullion	Mortise x surface vertical rod	—	1900-FR x 1700-FR 3900-FR x 3700-FR	8′0″ x 8′0″
	Two concealed vertical rod	4600-FR x 4600-FR	3600-FR x 3600-FR	8′0″ x 8′0″
	Two surface vertical rod	—	FS1150 x FS1150 1700-FR x 1700-FR 3700-FR x 3700-FR	8′0″ x 8′0″ (B-E)
Double Egress Doors	Two concealed vertical rod	4600-FR x 4600-FR	3600-FR x 3600-FR	8′0″ x 7′2″ (A) 8′0″ x 8′0″ (B-E)
	Two surface vertical rod	—	FS1150 x FS1150 1700-FR x 1700-FR 3700-FR x 3700-FR	8′0″ x 7′2″ (A) 8′0″ x 8′0″ (B-E)



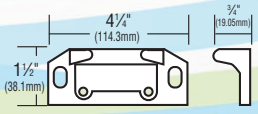
S13 Bottom Strike
Stainless steel. Furnished with expansion shields. Stainless steel.



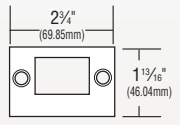
S14
For application to wood or hollow metal doors.



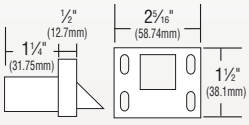
S15 Bottom Strike
Alternate for 1700-FS. For use on ½" threshold. Stainless steel. Furnished with expansion shields.



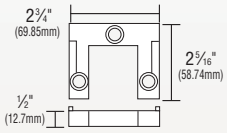
S24
F-400 Series standard for single door applications. Black nylon coated.



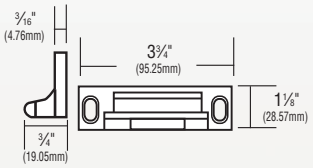
S45
Standard for F-S1700. Flush mounted. Stainless steel. Furnished with expansion shields.



S46 Bottom Strike
Standard for F-S1150, F-S3700. Flush mounted. Furnished with expansion shields. Stainless steel, black nylon coated.



S58 Bottom Strike
Alternate for F-S1150, 3700-FS. For use on ½" threshold. Stainless steel, nylon coated. Furnished with expansion shields.

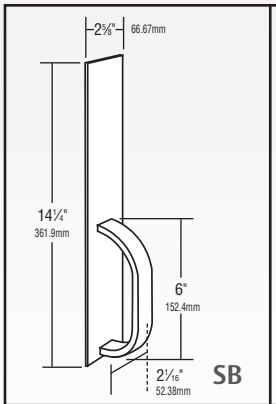


646 Fire Rated Top Strike
Standard for FS1150 and 3700-FR. Surface applied. Nylon Coated

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Exit Device Trim



SB



SB02



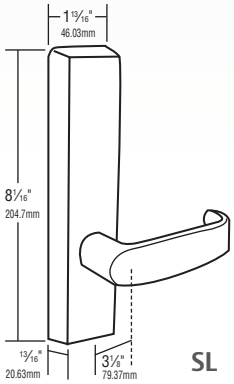
SB03



SB05A



SB05



SL



SL02



SL03/SL83



SL08A/SL88A



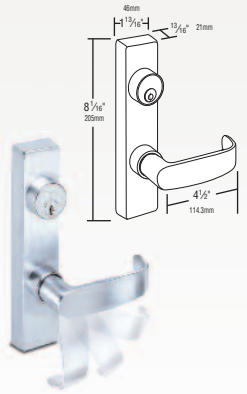
SL08/SL88

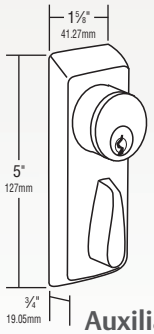
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Exit Device Trim

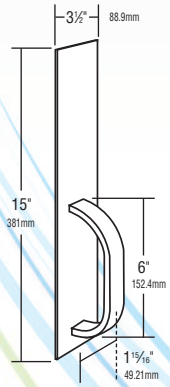




Auxiliary Outside Control



- **S311**–Use with S3700, FS3700, S1700, FS1700. Key locks or unlocks turn lever.
- **S312**–Use with S3700, FS3700, S1700, FS1700. Turn lever operative only with key in cylinder and turned.
- **S411**–Use with S3600, FS3600, FS4600. Key locks or unlocks turn lever.
- **S412**–Use with S3600, FS3600, FS4600. Turn lever operative only with key in cylinder and turned.
- **S511**–Use with S4600. Key locks or unlocks turn lever.
- **S512**–Use with S4600. Turn lever operative only with key in cylinder and turned.



SP



SP02/SP82



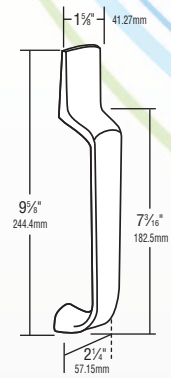
SP03/SP83



SP05A



SP05



SS



SS02/SS82



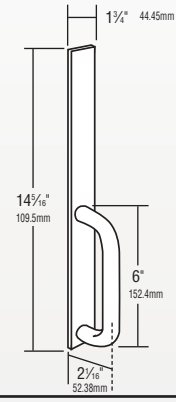
SS03/SS83



SS05A



SS05



SN



SN02/SN82



SN03/SN83



SN05A



SN05

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Exit Device Selection Chart

For reference only. Refer to latest UL building materials list for complete information.

Application	Type	Narrow Stile Touch Bar	Standard Touch Bar	Crossbar
Single Door	Rim	4800	S1250, FS1250 3800, 3800-FR	1800, 1800-FR
	Vertical Rod	—	S1150, FS1150 3700, 3700-FR	Mortise
	Concealed Vertical Rod	4600, 4600-FR	3600, 3600-FR	Mortise
	Mortise	4900, 9600-FR	3900, 3900-FR	Mortise
Double Doors with Mullion	Rim	4800 x 4800 with S20-N mullion	S1250 x S1250 3800 x 3800 with S20 mullion FS1250 x FS1250 3800-FR x 3800-FR with S21 mullion	Mortise
Double Doors without Mullion	Concealed Vertical Rod	4600 x 4600 4600-FR x 4600-FR	3600 x 3600 3600-FR x 3600-FR	Mortise
	Vertical Rod	—	S1150 x S1150 FS1150 x FS1150 S3700 x S3700 3700-FR x 3700-FR	Mortise
	Vertical Rod x Mortise	—	3700 x 3700 3700-FR x 3700-FR	Mortise