

2000 Series

Narrow Head Exit Devices



I-TEK[®]



www.iteklock.com.tw

Headquarters and Operation Office:

I-TEK Metal Manufacturing Co., Ltd. 18 Gungye
3rd Road, Annan, Tainan 709, Taiwan.

T 886 6 3840722

F 886 6 3840715

E sd@iteklock.com.tw

U.S. Regional Office:

I-TEK Metal Manufacturing Inc., 409 North
Figueroa Street, Wilmington, CA 90744

T (310) 513-8016

F (310) 513-8620

E sd@klacci.com

sd.klacci@gmail.com

iteklockus@gmail.com

copyright© 2015 I-TEK Metal Manufacturing. All rights reserved.

Subject to change without notice. 201505 (A60a024-00)

I-TEK[®]

Contents

ANSI Grade 1

2000 Series Narrow Head Exit Devices

About I-TEK	1
2000 Series Narrow Head Exit Devices	3
Features	5
General Overview	7
Dimensions	9
2100 / F2100 Narrow Head Rim Exit Devices--(RIM)	11
2200 / F2200 Narrow Head Surface Vertical Rod Devices--(SVR)	13
2300 / F2300 Narrow Head Concealed Vertical Rod Devices--(CVR)	15
2500 / F2500 Narrow Head Three-Point Latching Exit Devices--(3PT)	17
Trim Operation Options	19
Strikes	23
Cylinders	26
Dogging	27
Mullions	28
Miscellaneous	29
Electrical	31
Power Supply	35
Fire Door Applications and Listings	37
Typical Installation	38
How to Order	41

About I-TEK

Since its establishment in 1958, I-TEK has continually adopted a proactive approach toward manufacturing extensive varieties of locksets and architectural hardware, insisting on providing the best quality products and services that our customers deserve. With more than 50 years of manufacturing experience, our excellent product design capability and our professionalism in the lock industry, I-TEK is well known for being "keen on quality, with customer satisfaction being our priority", gaining us our customers' trust and confidence for many years. At present, I-TEK is one of the few professional lock suppliers that can produce Grade 1 and Grade 2 door locks in Asia.

Innovation, quality, security, sharing and speed are the major operational beliefs that I-TEK adheres to. We strive for quality assurance and customer satisfaction within the overall framework of the quality system. Our vision is to become a total solutions provider that offers a complete range of products and services in accordance with customer demands in the commercial lock industry.

When it comes to locks, you know that I-TEK can provide you with the best solutions.



2000 Series Narrow Head Exit Devices



2000 Series Narrow Head Exit Devices and Trims are designed for new or retrofit installation into other manufacturers' devices. Push Bar assembly's smooth and reduced projection minimizes catch hazard. Device function is field selectable by adaptation with selected type of trim. A full complement of lever trim is available in wide range of architectural finishes. 2000 Series are made to comply with the highest safety and security standards in industry. Devices and trims are UL/cUL listed for Panic Hardware or Fire Hardware. They are certified to ANSI/UL305 and ANSI/BHMA A156.3 Grade 1. 2000 Series provides superior durability for high impact applications such as offices, schools, banks, assisted living facilities and other institutions or commercial buildings.



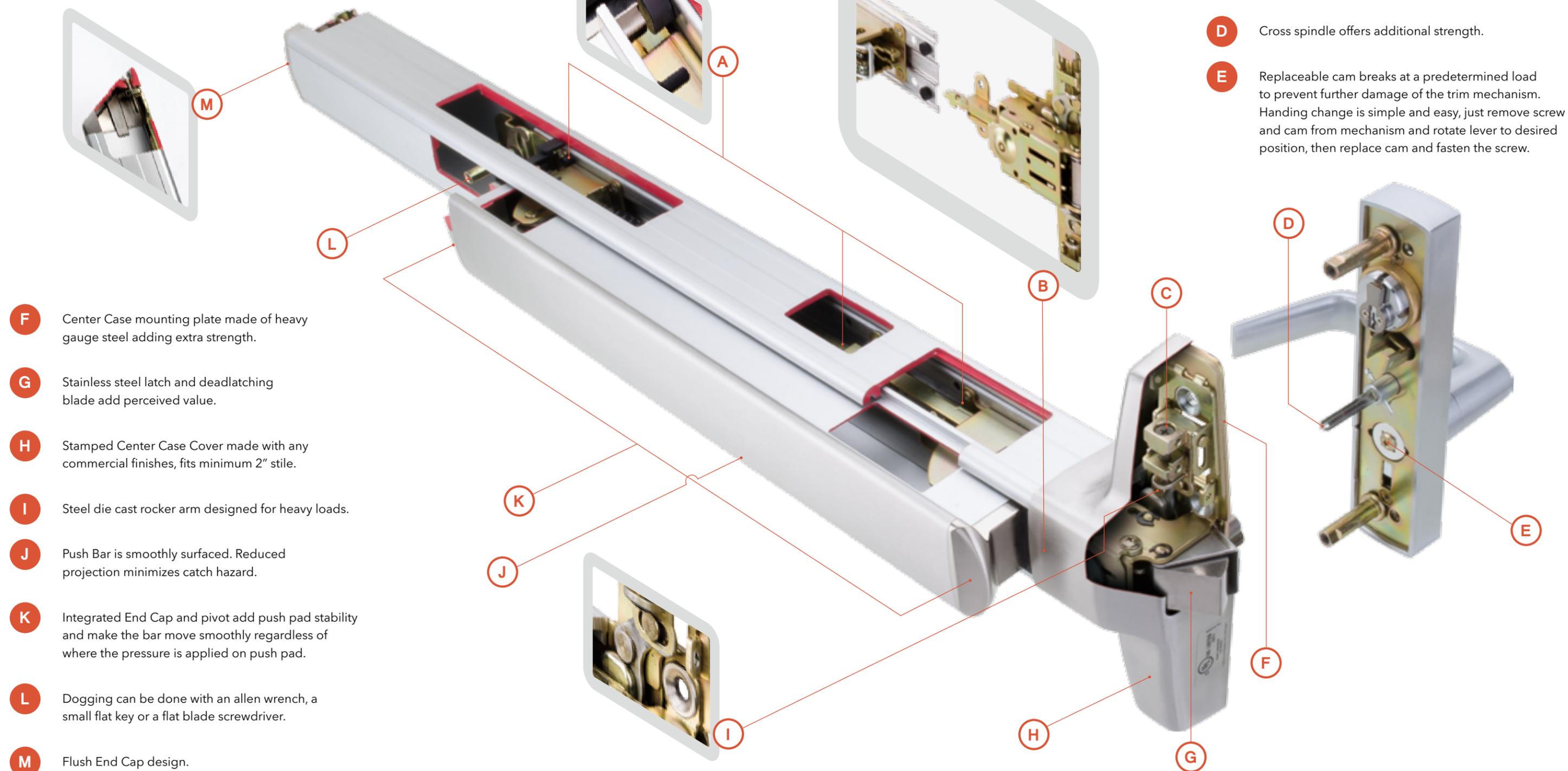
Intertek



Features

The 2000 Series Narrow Head Exit Devices are fabricated and blended with simplicity, strength, durability, aesthetics and installer-friendly innovations.

- Devices and trims are designed for new or retrofit installation into other manufacturers' exit devices and trims.
- Made to comply with the highest safety and security standards in industry.
- UL/cUL listed for panic hardware or 3-hour fire rated exit hardware.
- Certified to ANSI/UL305 and ANSI/BHMA A156.3 Grade 1.



- F** Center Case mounting plate made of heavy gauge steel adding extra strength.
- G** Stainless steel latch and deadlatching blade add perceived value.
- H** Stamped Center Case Cover made with any commercial finishes, fits minimum 2" stile.
- I** Steel die cast rocker arm designed for heavy loads.
- J** Push Bar is smoothly surfaced. Reduced projection minimizes catch hazard.
- K** Integrated End Cap and pivot add push pad stability and make the bar move smoothly regardless of where the pressure is applied on push pad.
- L** Dogging can be done with an allen wrench, a small flat key or a flat blade screwdriver.
- M** Flush End Cap design.

- A** Special plastic inserts and rubber bumpers reduce noise and don't fail under high or low temperatures. Impervious to petroleum lubricants.
- B** Detachable center case allows switching between mechanical and electrical options which replaces the need of buying two complete sets.
- C** Center Case with maximum versatility, Surface and Concealed Vertical Rods can be adjusted inside the center case with an ingenious rod holder design.
- D** Cross spindle offers additional strength.
- E** Replaceable cam breaks at a predetermined load to prevent further damage of the trim mechanism. Handing change is simple and easy, just remove screw and cam from mechanism and rotate lever to desired position, then replace cam and fasten the screw.

General Overview

Device Material

2000 Series is furnished standard with grooved case. Smooth surface style is available. The two styles are mechanically and dimensionally identical and come with a wide selection of finishes.

Mechanism Case Options



Finishes

COLOR	ANSI/BHMA	US	B.E.G.	A.D.	C.F.H.
Polished Brass	605	3	Brass, Polished	Plated	Buffed Anodized
Satin Brass	606	4	Brass, Satin	Plated	Anodized
Polished Bronze	611	9	Bronze, Polished	Plated	Buffed Anodized
Satin Bronze	612	10	Bronze, Satin	Plated	Anodized
Dark Oxidized Satin Bronze	613	10B	Bronze, Satin; Dark Oxidized	Plated	Anodized
Polished Chrome	625	26	Brass, Polished & Plated	Plated	Buffed Anodized
Satin Chrome	626	26D	Brass, Satin & Plated	Plated	Anodized
Satin Stainless Steel	630	32D	St. Steel, Satin	Plated	Anodized

For other finishes consult factory.

Push Bar Trim Options:

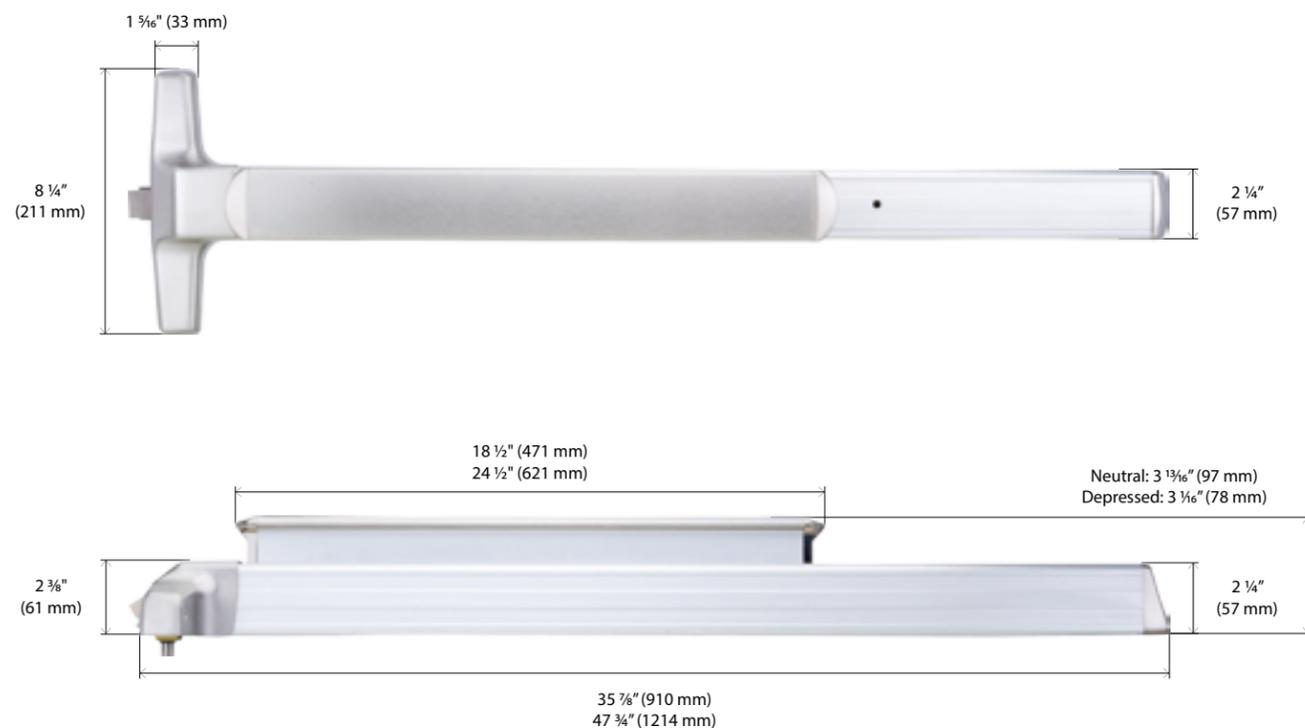
- Embossed "PUSH"
- Braille, embossed "CAUTION STAIRWELL"
- Red silk screen lettered "EMERGENCY EXIT ONLY - PUSH TO OPEN & SOUND ALARM"

Functions

ANSI/BHMA Number	Operations	Trim Option		Cylinder Application	
		400 Series Thumbpiece	500 Series Escutcheons	Rim Cyl.	Mortise Cyl.
01	Exit Only	401	N	N	N
02	Dummy Pull Only	402	502	N	N
03	Night Latch, Key Retracts Latch Bolt	403R	503R	Y	N
08	Key Locks or Unlocks Latch Bolt	N	508M	N	Y
09	Night Latch Key Retracts Latch Bolt	N	509R	Y	N
11	Key Locks or Unlocks Latch Bolt	N	511M	N	Y
12	Night Latch Key Retracts Latch Bolt	N	512R	Y	N
14	Lever Always Active, No Cylinder	N	514	N	N
16	Turn Always Active, No Cylinder	N	516	N	N

Note: Suffix R/M represent cylinder application type.

Dimensions



Strike Application / Minimum Stile

Device Type	Single door		Double door	
	Strike	Stile	Strike with Mullion	Stile
2100	103	2" (51mm)	103 x 170 mullion	3" (76.2mm)
	106*	2-7/8" (73mm)	106 x 170 mullion	3-5/8" (92mm)
2200	203 (Top)	2" (51mm)	203 (Top)	2-1/8" (54mm)
	227 (Bottom)		227 (Bottom)	
	106* (Top)	2-5/16" (58.7mm)	106* (Top)	2-5/16" (58.7mm)
	227 (Bottom)		227 (Bottom)	
2300	216 (Top)	2" (51mm)	216 (Top)	2-1/4" (57.2mm)
	227 (Bottom)		227 (Bottom)	
2500	103 (Middle)	2-5/16" (58.7mm)	103 x 170 mullion	3" (76.2mm)
	203 (Top)		203 (Top)	
	227 (Bottom)		227 (Bottom)	
	106* (Middle)	2-7/8" (73mm)	106* x 170 mullion	3-5/8" (92mm)
	203 (Top)		203 (Top)	
	227 (Bottom)		227 (Bottom)	
F2100	108	3" (76.2mm)	108 x F170 mullion	4" (101.4mm)
F2200	108 (Top)	2-7/8" (73mm)	108 (Top)	2-11/16" (68.2mm)
	227F (Bottom)		227F (Bottom)	
F2300	216 (Top)	3-5/8" (92mm)	216 (Top)	3-5/8" (92mm)
	227F (Bottom)		227F (Bottom)	
F2500	108 (Middle)	2-5/16" (58.7mm)	108 x F170 mullion	4-1/4" (108mm)
	108 (Top)		108 (Top)	
	227F (Bottom)		227F (Bottom)	

*Alternative option.

Fasteners/Sex bolts (SNB)

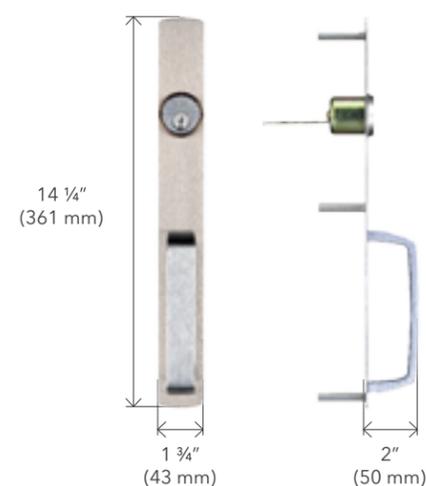


	Devices No.	Specification	Qty.
Without Trim	2100	1024 SNB (No. 10-24)	2
		4120 SNB (No. 1/4-20)	2
	2200	1024 SNB (No. 10-24)	2
		4120 SNB (No. 1/4-20)	6
	2300	1024 SNB (No. 10-24)	2
		4120 SNB (No. 1/4-20)	2
2500	1024 SNB (No. 10-24)	2	
	4120 SNB (No. 1/4-20)	6	
With Trim	2100	1024 SNB (No. 10-24)	2
		4120 SNB (No. 1/4-20)	4
	2300	1024 SNB (No. 10-24)	2
		4120 SNB (No. 1/4-20)	4
	2500	1024 SNB (No. 10-24)	2
		4120 SNB (No. 1/4-20)	4

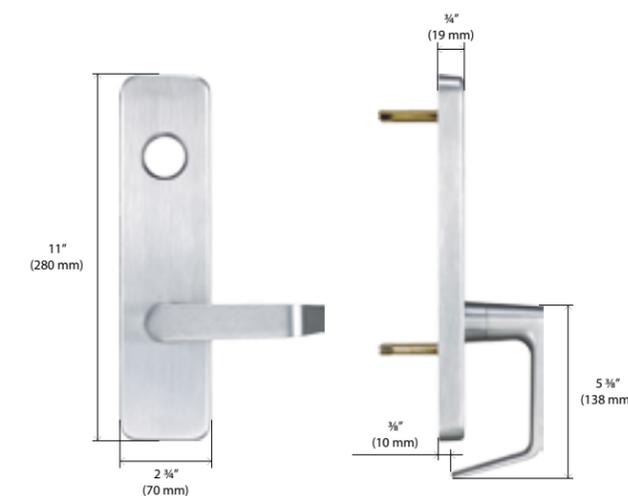
Furnished standard with machine screws. Specify sheet metal screws or wood screws when/if required. Specify Sex Bolts (SNB) where recommended or required by the door manufacturer.

Sex Nuts and Bolts (SNB) are furnished with 1024 SNB (No.10-24) for Device or 4120 SNB (No. 1/4-20) for Top Rod Latch and Bottom Rod Latch.

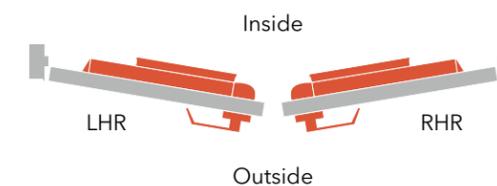
Pull Trim



Escutcheon



Handing of doors



2100 / F2100 Narrow Head Rim Exit Devices

RIM

Applications

- Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

Doors & Preparations

- For all types of single and double doors with/without a mullion. For mullions, see page 28.
- For new or retrofit installation into other manufacturers' devices.
- 1-3/4" to 2-1/4" thick, up to 4' wide opening; for thicker doors, consult factory.
- Furnished standard for 1-3/4" thick, 3' wide opening.
- For maximum door opening applications and listings for Fire Exit Devices, see page 37.



Specifications

Stile	• Minimum width 2" (51mm).	
Certification/Compliance	<ul style="list-style-type: none"> • Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3 Grade 1 Panic Hardware. • UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA 80 Fire doors and windows. • Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code. 	
Center Case	<ul style="list-style-type: none"> • Universal center case, heavy wrought steel and sintered metal parts. • Device functions are determined by adaptation with type of trim. 	
Strikes	Panic P/N. 103/106 (roller type) See page 9, 23.	Fire P/N. 108 (roller type)
Dogging	<ul style="list-style-type: none"> • NOT available on Fire Exit Hardware. • Dogging options available for LD, CD, ED (ELR). See page 27. • Flat/Hex key dogging standard. 	
Fasteners	• Machine screws and wood screws are furnished standard.	
Sex Bolts (SNB)	<ul style="list-style-type: none"> • Required when used with wood, composite or non-reinforced hollow metal doors. For Exit Only device, specify 2-1024 SNB (No. 10-24) and 2-4120 SNB (No. 1/4-20). For device with trim, specify 2-1024 SNB (No. 10-24). See page 9. 	
Electrical Functions	Can be interfaced with building security systems: <ul style="list-style-type: none"> • AL Alarm Exit • DE Delayed Egress Device • ELR Electric Latch Retraction • LM Latch Bolt Monitoring • RX Request to Exit • SS Signal Switch See page 31.	
Device Centerline from Finished Floor	• 39-5/8" (1006mm).	
Latchbolt	• Stainless Steel, deadlocking, 3/4" (19mm) throw.	
Handing	<ul style="list-style-type: none"> • 500 Series Trim field reversible. • Device non-handed. • Specify handing for 400 Series trim when ordering. 	
Cylinders	• NOT furnished standard, specify when required. For Cylinder details, see page 26.	
Trim	• The device and trim are sold separately, easy to mix and match, see page 19.	



2200 / F2200 Narrow Head Surface Vertical Rod Devices

SVR

Applications

- Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

Doors & Preparations

- For all types of single and double doors.
- For new or retrofit installation into other manufacturers' devices.
- For doors 1-3/4" to 2-1/4" thick, up to 4' wide opening and up to 10' high; for thicker doors, consult factory.
- Furnished Standard for 1-3/4" thick, 3' wide opening and 7' high doors.
- For maximum door opening applications and listings for Fire Exit Devices, see page 37.



Specifications

Stile	<ul style="list-style-type: none"> • Minimum width 2" (51mm). 		
Certification/Compliance	<ul style="list-style-type: none"> • Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3 Grade 1 Panic Hardware. • UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA 80 Fire doors and windows. • Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code. 		
Center Case	<ul style="list-style-type: none"> • Heavy wrought steel assembly with top and bottom rod adjusters. • Adjustment accessible through center case after installation. 		
Vertical Rods	<ul style="list-style-type: none"> • 1/2" Square tubing, standard rods accommodate 7' (2134mm) door. • Top rod length is 36-1/8" (916mm) Bottom rod length is 31-7/8" (807mm) standard. • Top rod length 48-1/8" (1221mm) is available for 8' (2438mm) door. • Extension rod available 24" (609mm) for doors ranging between 8' and 10' high. Specify when ordering. For rod size, see page 29. 		
Top Latch Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, 5/8" (16mm) throw. 		
Bottom Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, independent action 5/8" (16mm) throw. • Round Slide Bolt optional. 		
Top & Bottom Latch Case	<ul style="list-style-type: none"> • 4-1/2" x 2-1/8" x 1-1/2" (114mm x 54mm x 38mm). 		
Door Undercut	<ul style="list-style-type: none"> • 1/4" (6mm). 		
Strikes	<table border="0"> <tr> <td style="vertical-align: top;"> Panic Top: P/N. 203/106 (roller type) Bottom: P/N. 227 </td> <td style="vertical-align: top;"> Fire Top: P/N. 108 (roller type) Bottom: P/N. 227F </td> </tr> </table> <p>See page 10, 23.</p>	Panic Top: P/N. 203/106 (roller type) Bottom: P/N. 227	Fire Top: P/N. 108 (roller type) Bottom: P/N. 227F
Panic Top: P/N. 203/106 (roller type) Bottom: P/N. 227	Fire Top: P/N. 108 (roller type) Bottom: P/N. 227F		
Dogging	<ul style="list-style-type: none"> • NOT available on Fire Exit Hardware. • Dogging options available for LD, CD, ED (ELR). See page 26. • Flat/Hex key dogging standard. 		
Fasteners	<ul style="list-style-type: none"> • Machine screws and wood screws are furnished standard. 		
Sex Bolts (SNB)	<ul style="list-style-type: none"> • Required when used with wood, composite or non-reinforced hollow metal doors. For Exit Only device, specify 2-1024 SNB (No. 10-24) and 6-4120 SNB (No. 1/4-20). For device with trim, specify 2-1024 SNB (No. 10-24) and 4-4120 SNB (No. 1/4-20). See page 9. 		
Electrical Functions	<p>Can be interfaced with building security systems:</p> <ul style="list-style-type: none"> • AL Alarm Exit • DE Delayed Egress Device • ELR Electric Latch Retraction • LM Latch Bolt Monitoring • RX Request to Exit • SS Signal Switch <p>See page 31.</p>		
Device Centerline from Finished Floor	<ul style="list-style-type: none"> • 39-5/8" (1006mm). 		
Fire Bolt (LBR)	<ul style="list-style-type: none"> • Available for door openings up to 8' wide x 10' high. Specify suffix "LBR". • Fire bolt is heat activated - used in less bottom rod (LBR) option for fire exit devices. 		
	 <p>Fire Bolt</p>		
Handing	<ul style="list-style-type: none"> • 500 Series Trim field reversible. • Device non-handed. • Specify handing for 400 Series trim when ordering. 		
Cylinders	<ul style="list-style-type: none"> • NOT furnished standard, specify when required. For Cylinder details, see page 27. 		
Trim	<ul style="list-style-type: none"> • The device and trim are sold separately, easy to mix and match, see page 19. 		

2300 / F2300 Narrow Head Concealed Vertical Rod Devices

CVR

Applications

- Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

Doors & Preparations

- For all types of single and double doors.
- For new or retrofit installation into other manufacturers' devices.
- For doors 1-3/4" to 2-1/4" thick, up to 4' wide opening and up to 10' high; for thicker doors, consult factory.
- Furnished Standard for 1-3/4" thick, 3' wide opening and 7' high doors.
- For maximum door opening applications and listings for Fire Exit Devices, see page 37.



Specifications

Stile	<ul style="list-style-type: none"> • Minimum width 2" (51mm). 						
Certification/Compliance	<ul style="list-style-type: none"> • Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3 Grade 1 Panic Hardware. • UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA 80 Fire doors and windows. • Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code. 						
Center Case	<ul style="list-style-type: none"> • Heavy wrought steel assembly with top and bottom rod adjusters. • Adjustment accessible through center case after installation. 						
Vertical Rods	<ul style="list-style-type: none"> • 1/2" round tubing, standard rods accommodate 7' (2134mm) door. • Top rod length is 37" (940mm) Bottom rod length is 31-3/4" (805mm) standard. • Top rod length 49" (1245mm) is available for 8' (2438mm) door. • Extension rod available 23-7/8" (605mm) for doors ranging between 8' and 10' high. Specify when ordering. • For rod size, see page 29. 						
Top Latch Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, 5/8" (16mm) throw. 						
Bottom Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, independent action 5/8" (16mm) throw. • Round Slide Bolt optional. 						
Top & Bottom Latch Case	<ul style="list-style-type: none"> • 4-1/2" x 2-1/8" x 1-1/2" (114mm x 54mm x 38mm). 						
Door Undercut	<ul style="list-style-type: none"> • 1/4" (6mm). 						
Strikes	<table border="0"> <tr> <td style="text-align: center;">Panic</td> <td style="text-align: center;">Fire</td> </tr> <tr> <td style="text-align: center;">Top: P/N. 216</td> <td style="text-align: center;">Top: P/N. 216</td> </tr> <tr> <td style="text-align: center;">Bottom: P/N. 227</td> <td style="text-align: center;">Bottom: P/N. 227F</td> </tr> </table> <p>See page 10, 23.</p>	Panic	Fire	Top: P/N. 216	Top: P/N. 216	Bottom: P/N. 227	Bottom: P/N. 227F
Panic	Fire						
Top: P/N. 216	Top: P/N. 216						
Bottom: P/N. 227	Bottom: P/N. 227F						
Dogging	<ul style="list-style-type: none"> • NOT available on Fire Exit Hardware. • Dogging options available for LD, CD, ED (ELR). See page 26. • Flat/Hex key dogging standard. 						
Fasteners	<ul style="list-style-type: none"> • Machine screws and wood screws are furnished standard. 						
Sex Bolts (SNB)	<ul style="list-style-type: none"> • Required when used with wood, composite or non-reinforced hollow metal doors. • For Exit Only device, specify 2-1024 SNB (No. 10-24) and 2-4120 SNB (No. 1/4-20). • For device with trim, specify 2-1024 SNB (No. 10-24). • See page 9. 						
Electrical Functions	<p>Can be interfaced with building security systems:</p> <ul style="list-style-type: none"> • AL Alarm Exit • DE Delayed Egress Device • ELR Electric Latch Retraction • LM Latch Bolt Monitoring • RX Request to Exit • SS Signal Switch <p>See page 31.</p>						
Device Centerline from Finished Floor	<ul style="list-style-type: none"> • 39-5/8" (1006mm). 						
Fire Bolt (LBR)	<ul style="list-style-type: none"> • Available for door openings up to 8' wide x 10' high. Specify suffix "LBR". • Fire bolt is heat activated - used in less bottom rod (LBR) option for fire exit devices. 						
	 <p>Fire Bolt</p>						
Handing	<ul style="list-style-type: none"> • 500 Series Trim field reversible. • Device non-handed. • Specify handing for 400 Series trim when ordering. 						
Cylinders	<ul style="list-style-type: none"> • NOT furnished standard, specify when required. For Cylinder details, see page 27. 						
Trim	<ul style="list-style-type: none"> • The device and trim are sold separately, easy to mix and match, see page 19. 						

2500 / F2500 Narrow Head Three- Point Latching Exit Devices

3PT

Applications

- Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

Doors & Preparations

- For all types of single and double doors with/without a mullion. For mullions, see page 28.
- For new or retrofit installation into other manufacturers' devices.
- For doors 1-3/4" to 2-1/4" thick, up to 4' wide opening and up to 10' high; for thicker doors, consult factory.
- Furnished Standard for 1-3/4" thick, 3' wide opening and 7' high doors.
- For maximum door opening applications and listings for Fire Exit Devices, see page 37.



Specifications

Stile	<ul style="list-style-type: none"> • Minimum width 2-15/16" (58.7mm). 								
Certification/Compliance	<ul style="list-style-type: none"> • Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3 Grade 1 Panic Hardware. • UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA 80 Fire doors and windows. • Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code. 								
Center Case	<ul style="list-style-type: none"> • Heavy wrought steel assembly with top and bottom rod adjusters. • Adjustment accessible through center case after installation. 								
Vertical Rods	<ul style="list-style-type: none"> • 1/2" Square tubing, standard rods accommodate 7' (2134mm) door. • Top rod length is 36-1/8" (916mm) Bottom rod length is 31-7/8" (807mm) standard. • Top rod length 48-1/8" (1221mm) is available for 8' (2438mm) door. • Extension rod available 24" (609mm) for doors ranging between 8' and 10' high. Specify when ordering. • For rod size, see page 29. 								
Top Latch Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, 5/8" (16mm) throw. 								
Bottom Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, independent action 5/8" (16mm) throw. • Round Slide Bolt optional. 								
Top & Bottom Latch Case	<ul style="list-style-type: none"> • 4-1/2" x 2-1/8" x 1-1/2" (114mm x 54mm x 38mm). 								
Door Undercut	<ul style="list-style-type: none"> • 1/4" (6mm). 								
Strikes	<table border="0"> <tr> <td>Panic</td> <td>Fire</td> </tr> <tr> <td>Top: P/N. 203/106 (roller type)</td> <td>Top: P/N. 108 (roller type)</td> </tr> <tr> <td>Middle: P/N. 103 (roller type)</td> <td>Middle: P/N. 108 (roller type)</td> </tr> <tr> <td>Bottom: P/N. 227</td> <td>Bottom: P/N. 227F</td> </tr> </table> <p>See page 10, 23.</p>	Panic	Fire	Top: P/N. 203/106 (roller type)	Top: P/N. 108 (roller type)	Middle: P/N. 103 (roller type)	Middle: P/N. 108 (roller type)	Bottom: P/N. 227	Bottom: P/N. 227F
Panic	Fire								
Top: P/N. 203/106 (roller type)	Top: P/N. 108 (roller type)								
Middle: P/N. 103 (roller type)	Middle: P/N. 108 (roller type)								
Bottom: P/N. 227	Bottom: P/N. 227F								
Dogging	<ul style="list-style-type: none"> • NOT available on Fire Exit Hardware. • Dogging options available for LD, CD, ED (ELR). See page 26. • Flat/Hex key dogging standard. 								
Fasteners	<ul style="list-style-type: none"> • Machine screws and wood screws are furnished standard. 								
Sex Bolts (SNB)	<ul style="list-style-type: none"> • Required when used with wood, composite or non-reinforced hollow metal doors. • For Exit Only device, specify 2-1024 SNB (No. 10-24) and 6-4120 SNB (No. 1/4-20). • For device with trim, specify 2-1024 SNB (No. 10-24) and 4-4120 SNB (No. 1/4-20). • See page 9. 								
Electrical Functions	<p>Can be interfaced with building security systems:</p> <ul style="list-style-type: none"> • AL Alarm Exit • DE Delayed Egress Device • ELR Electric Latch Retraction • LM Latch Bolt Monitoring • RX Request to Exit • SS Signal Switch <p>See page 31.</p>								
Device Centerline from Finished Floor	<ul style="list-style-type: none"> • 39-5/8" (1006mm). 								
Fire Bolt (LBR)	<ul style="list-style-type: none"> • Available for door openings up to 8' wide x 10' high. Specify suffix "LBR". • Fire bolt is heat activated - used in less bottom rod (LBR) option for fire exit devices. 								



Handing

- 500 Series Trim field reversible.
- Device non-handed.
- Specify handing for 400 Series trim when ordering.

Cylinders

- NOT furnished standard, specify when required. For Cylinder details, see page 27.

Trim

- The device and trim are sold separately, easy to mix and match, see page 19.

Trim Operation Options

400 Series Pull Trim

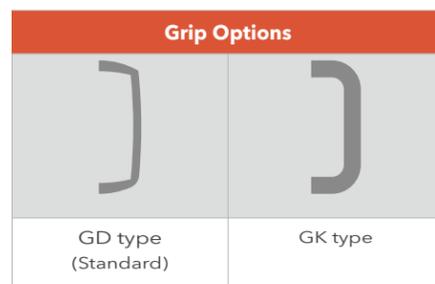


Features

- Trims are furnished with wrought plate and extruded or with cast solid grips.
- Trims are designed to retrofit into other manufacturers' devices.
- Trims are UL/cUL certified for ANSI/BHMA A156.3 Grade 1 and 3-Hour Fire Rated.
- Trims are through bolted. ("GD" Grip furnished standard, unless specified). For Trim dimensions see page 10.
- Specify handing when ordering.

ANSI/BHMA Operation	01 Exit Only	02 Dummy Pull Only	03 Night Latch, Key Retracts Latch Bolt
Trim No.	401	402	403R
Device No.	2100	2100	2100
	2200	2200	2200
	2300	2300	2300
	2500	2500	2500
Cylinder Type			Rim
Specify Handing*	Y	Y	Y

*Specify handing (RHR/LHR)



Model 508 Operation Breakable Cam



Model 508

Key Locks or Unlocks Lever
(For 08/11 Functions)

Model 508 Trim is composed of heavy duty investment cast steel. An internal breakable cam breaks away when a predetermined load is applied to the outside lever handle in locked mode without damaging the trim or compromising security. The cam is easily replaceable with minimum efforts.

The breakable cam is a replaceable part.



Trim Operation Options

500 Series Escutcheon



Features

- Escutcheon and lever with sleek and seamless design produced by casting or forging.
- Trims are designed to retrofit into other manufacturers' devices.
- Handing field reversible.
- Trims are UL/cUL certified for ANSI/BHMA A156.3 Grade 1 and 3-Hour Fire Rated.
- Specify lever or knob design. ("D" Lever furnished standard, unless specified). For Trim dimensions see page 10.

Dummy Trim Blank Escutcheon Night Latch

ANSI/BHMA	02	03	8	9	14
Operation	Dummy Pull Only	Night Latch, Key Retracts Latch Bolt	Key Locks or Unlocks Latch Bolt	Night Latch Key Retracts Latch Bolt	Lever Always Active, No Cylinder
Trim No.	502	503R	508M	509R	514
Device No.	2100	2100	2100	2100	2100
	2200	2200	2200	2200	2200
	2300	2300	2300	2300	2300
	2500	2500	2500	2500	2500
Cylinder Type		Rim	Mortise	Rim	
Specify Handing	N	N	N	N	N

ANSI/BHMA	11	12	16	11	16
Operation	Key Locks or Unlocks Latch Bolt	Night Latch Key Retracts Latch Bolt	Turn Always Active, No Cylinder	Key Locks or Unlocks Latch Bolt	Turn Always Active, No Cylinder
Trim No.	511M	512R	516	511P+402	516P+402
Device No.	2100	2100	2100	2200	2200
	2200	2200	2200	2300	2300
	2300	2300	2300	2500	2500
	2500	2500	2500		
Cylinder Type	Mortise	Rim		Mortise	
Specify Handing	N	N	N	Y	Y

Lever Options



Strikes

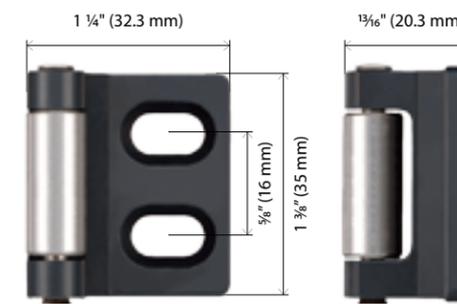
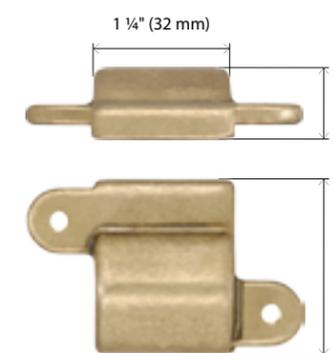
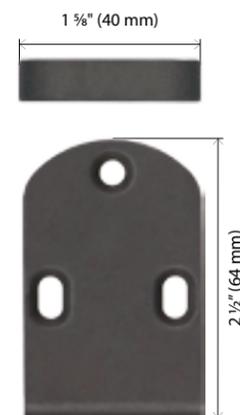
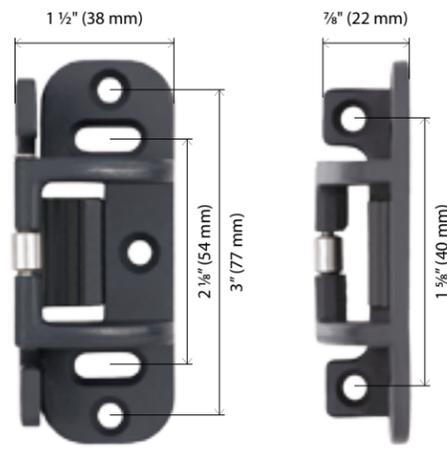
P Panic Application

F Fire Application

Rim Device

Vertical Rod Device

Top Strike



P/N. 106
Rim Strike
For Rim / SVR / 3PT top strike
P

P/N. 108
Rim Strike
For double door Rim / 3PT
use with F170/F270 mullion
P F

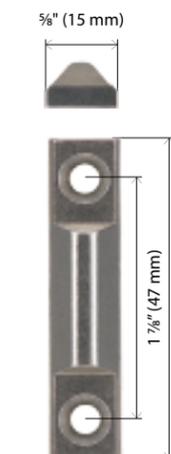
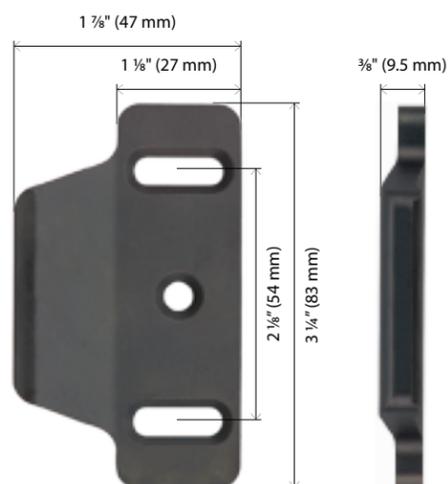
P/N. 215
Top Strike
For flush transom
SVR / 3PT
P F

P/N. 216
Top Strike
For CVR
P F

P/N. 203
Top Strike
For SVR / 3PT
P

Flat Bottom Strike

Bottom Strike



P/N. 103
Rim Strike
For Rim / 3PT
P

P/N. 136
Rim Strike
For double door Rim / SVR / CVR
combination with coordinator
P F

P/N. 225
Bottom Strike
Optional for
SVR / CVR / 3PT
round slide bolt
P F

P/N. 226
Bottom Strike
Optional for
SVR / CVR / 3PT
round slide bolt
P F

P/N. 227/227F
Bottom Strike
Furnished standard for
SVR / CVR / 3PT
P F

P/N. 224
Bottom Strike
Optional for
SVR / 3PT
P F

Strikes

Shim



P/N. 616819-010

For 106 Rim Strike

Two (2) pieces furnished standard



P/N. 616819-030

For 108 Rim Strike

Two (2) pieces furnished standard



P/N. 616819-050

For CVR top & bottom latches Strike

Sixteen (16) pieces furnished standard for Top and Bottom latches. Eight (8) pieces furnished standard for LBR



P/N. 618619-010

For 103 Rim strike

Two (2) pieces furnished standard



P/N. 618619-020

For 203 Strike

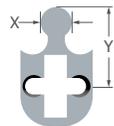
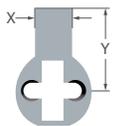
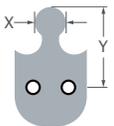
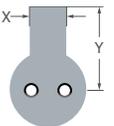
Two (2) pieces furnished standard

Cylinders

Cylinders are not furnished standard with the device or trim, specify when required. Schlage C keyway, 6-pin standard, available in 630 or 626 finish. Small Format Interchangeable Core combined/uncombined also available. Specify type and finish when ordering.

Cylinder Type	Applications	Trim	Cylinder	Cyl. Length (Part/No.)	Cylinder Cam
Mortise Cylinder  I/C Standard	08 / 11 for RIM/SVR/CVR/3PT	500	Standard	1-1/8" (441-102)	440-0704
			I/C	1-1/4" (442-601)	440-0708
	Cylinder Dogging	All Device	Standard	1-1/4" (441-103)	440-0702
			I/C	1-3/8" (442-701)	440-0706
Rim Cylinder  I/C Standard	03 for RIM/SVR/CVR/3PT (Must use with Cylinder Guard Part/No.611824-020)	400	Standard / I/C	Tailpiece Length 3-1/8" (79.6mm)	
	03 / 09 / 12 for RIM/SVR/CVR/3PT	500			

Cylinder Cam

Illustration				
Dimension	X=1/4" (6mm) Y=5/8" (15mm)	X=3/8" (9.5mm) Y=3/4" (19mm)	X=1/4" (6mm) Y=5/8" (15mm)	X=3/8" (9.5mm) Y=3/4" (19mm)
Cam No.	440-0702	440-0704	440-0706	440-0708

Cylinder Guard

611824-020

For use on 403R

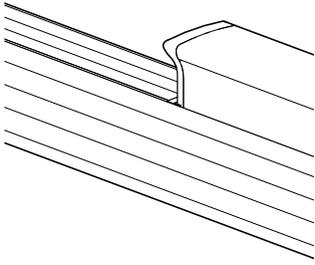


I/C Core

"A" keyway standard supplied. Specify 6 or 7 pin, combined or uncombined and finish 606 or 626 when ordering. Consult factory for other keyways.

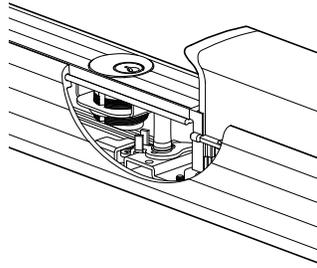


Dogging



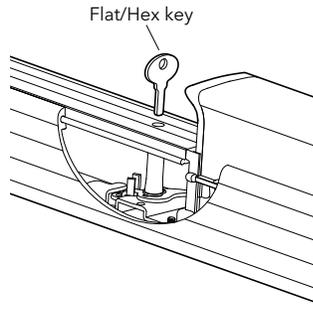
LD-Less Dogging

Less Dogging is available in all 2000 Series panic exit devices.

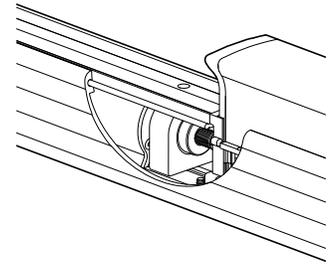


CD-Cylinder Dogging

Available for all models except for Fire Exit Hardware. Cylinder Dogging provides the ability to lock down the Push Bar with a key cylinder, allowing the door to be used in both Push/Pull mode. To order, specify "CD". Requires the use of a 1-1/4" Mortise Cylinder (not furnished standard).

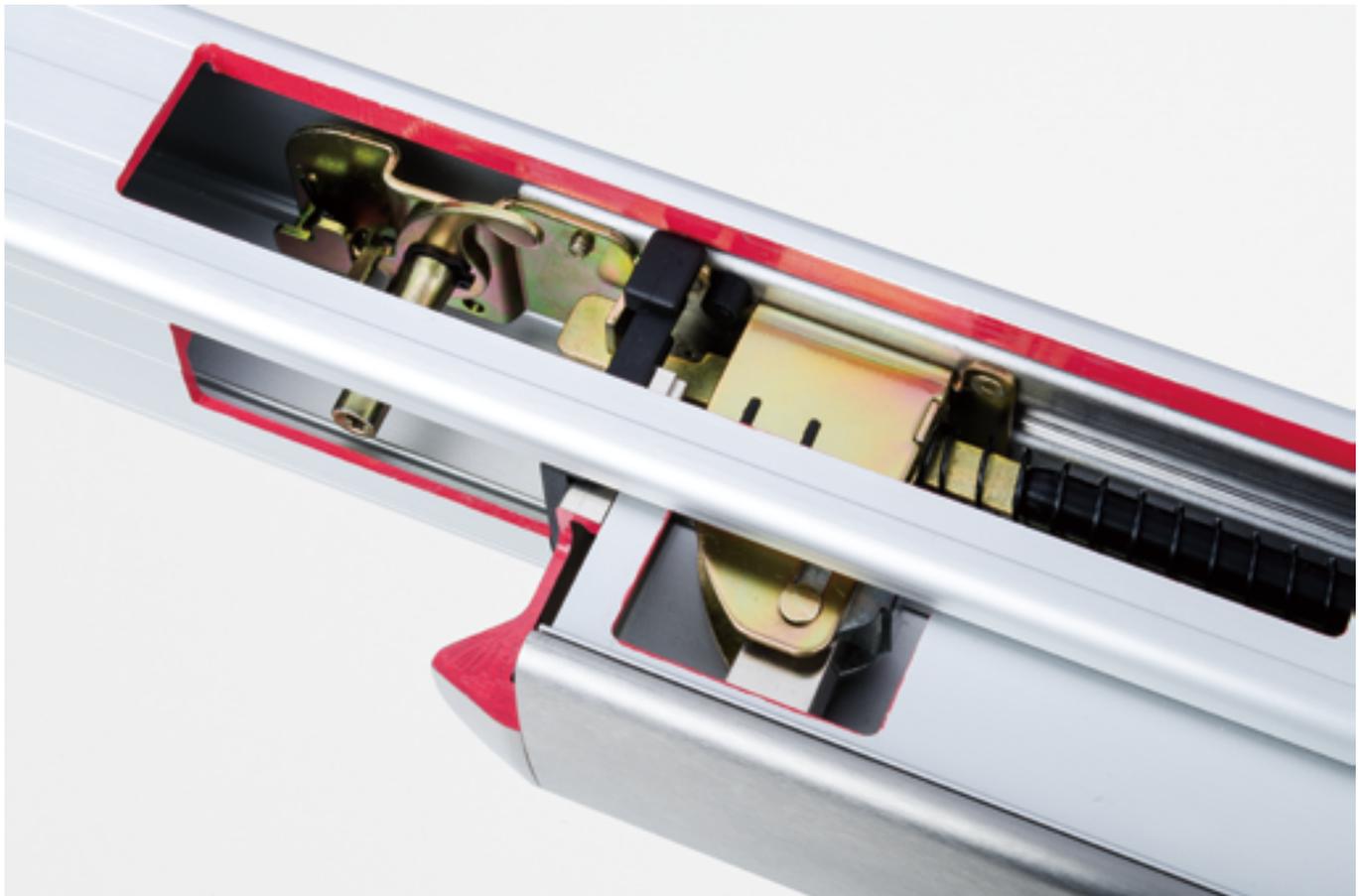


HKD-Flat/Hex Key Dogging

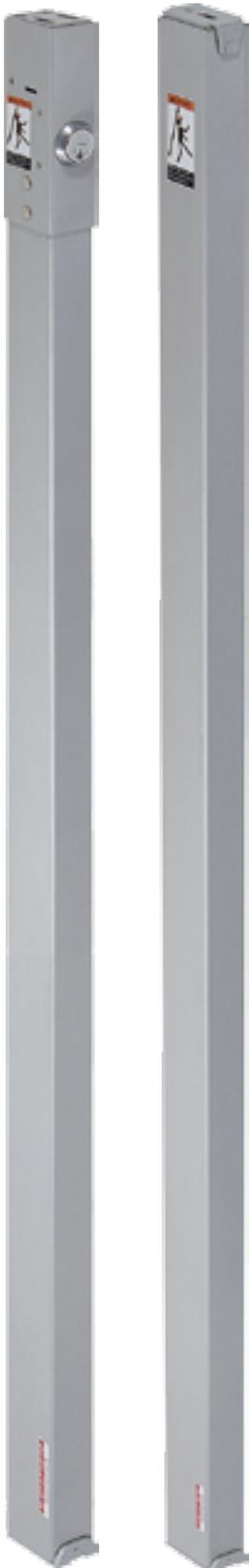


ELR-Electrical Dogging

For details, see page 37.



Mullions



A

B



Removable mullions are used with paired doors where a full width opening is only occasionally required. Doors are fitted with Rim Exit Devices and normally function as single doors. Available in 7', 8' or 10' lengths.

A

Model 170 / F170 Keyed Removable Mullion

Top and Bottom Fittings:

Investment cast steel, furnished with steel anchors for floors.

Mullion:

2" x 3" Steel.

Stock size:

8' length standard, can be cut for opening less than 8'.
10' length available upon request.

Finishes:

600, 689, 695.

UL Listed:

Listed for 3-Hour Fire Rated Exit Hardware.

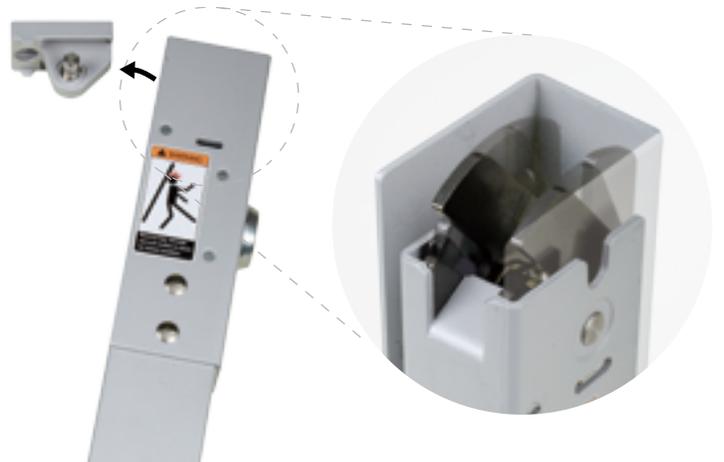
Cylinder:

Not furnished standard, keying is standard 1-1/8" Mortise Cylinder with cam.

Specify with or without strikes when ordering.

The head design of 170/F170:

Provides a secure, quick and easy means of removal. The Mullion can be installed and locked without using key.



B

Model 270 / F270 Non-Keyed Removable Mullion

Top and Bottom Fittings:

Investment cast steel, furnished with steel anchors for floors.

Mullion:

2" x 3" Steel.

Stock size:

8' length standard, can be cut for opening less than 8'.
10' length available upon request.

Finishes:

600, 689, 695.

UL Listed:

Listed for 3-Hour Fire Rated Exit Hardware.

Specify with or without strikes when ordering.

Miscellaneous

Top Rod

Illustration	Device No.	Part No.	Rod Length	Door Height
	2200	616823-020	36-1/8" (916mm)	7'
	2500 (SVR/3PT)	616823-030	48-1/8" (1221mm)	8'
		616823-030 Add	48-1/8" (1221mm) Add	10'
		616823-040*	24" (609mm)	
	2300 (CVR)	616823-070	37" (940mm)	7'
		616823-080	49" (1245mm)	8'
		616823-080 Add	49" (1245mm) Add	10'
		616823-050*	23-7/8" (605mm)	

* Extension Rod

Bottom Rod

For Push Bar location at 39-5/8"(1006 mm) from finished floor.

Illustration	Device No.	Part No.	Rod Length
	2200	616823-010	31-7/8" (807mm)
	2500 (SVR/3PT)		
	2300 (CVR)	616823-060	31-3/4" (805mm)

Coordinator



Gravity Coordinator

CR-07 / CR-09

- The Gravity Coordinator is applied on pair doors to allow inactive door to close before active door.
- Nylon and rubber rollers provide quiet and efficient operation and help protect the doors from damage.
- Non-handed.
- UL/cUL certified for ANSI/BHMA A156.3 Grade 2 and 3-Hour Fire Rated.
- Finishes: 612, 626.



Carry Open Bar

CR-CB

- The Carry Open Bar is applied on pair doors.
- When the inactive door is opened, the Carry Open Bar provides the automatic opening of the active door as well.
- The Carry Open Bar cannot be installed along with Flush Bolts.
- Non-handed.
- Finishes: 612, 626.



Bar Coordinator

CR-32 / CR-42 / CR-52 / CR-60 / CR-66 / CR-72

- The Bar Coordinator is applied on pair doors to allow inactive door to close before active door.
- All Bar Coordinator units function easily. The active door lever, located nearest to the active stop, holds the active door open until the trigger mechanism is released by the closing of the inactive door.
- All Bar Coordinator units are equipped with an adjustable override feature which allows the active door to close first under extreme pressure.
- All Bar Coordinator units are compatible with Flush Bolts.
- Finishes: 612, 626.



Dummy Push Bar

DP3 / DP4 Inactive

- A push/pull operation can be accomplished by using an outside dummy trim.
- Size: 3' or 4' (914mm or 1219mm).
- Finishes: See page 7.

Electrical



ELR (Electrical Dogging)

Electric Latch Retraction

ELR provides the ability to remotely retract the latchbolt. Continuous duty solenoid can retract Latch bolts under condition of unlatching or continually dogging. The ELR option can be applied with card readers, toggles or key switches, push buttons and fire alarm systems. PS100 power supply is required for the use of ELR option.

- UL/cUL Listed for Panic and Fire for Class 2 Circuitry.
- ELR is available with manual Flat/Hex Key for Panic Exit Devices.

Solenoid Specifications:

- Current Pulse (0.3 seconds): 24 VDC, 16 Amp.
- Continuous: 24 VDC, 0.25 Amp.

To order:

Prefix ELR (e.g. ELR 2100).



SS

Signal Switch

Micro-switch Detecting Push Bar

Two internal switches are mounted into the device.

One switch is designed to monitor Push Bar assembly. When there is unauthorized use of the device, the alarm will sound once the switch has been activated.

The other switch is to connect with the 1-1/4" Mortise Cylinder with straight cam when alarm has been triggered. A power supply must be set from the frame to the door.

Electrical Ratings:

24 VDC, 2 Amp SPDT.

SPDT (Single Pole, Double Throw).

To order:

Prefix SS (e.g. SS 2100).

*Specify handing and finish.



AL

Alarm Exit

Available for all 2000 Series Devices from 3'0" to 4'0" wide doors, decal for application on door:

**EMERGENCY EXIT ONLY
PUSH TO OPEN ALARM WILL SOUND**

- Auto Reset (AR) rearms the alarm after a preset time. AR default setting time is 5 minutes, and can be manually switched to 1-1/2 or 3 minutes.

To order:

Prefix AL (e.g. AL 2100).

The Alarm Exit is available in kits for retrofit on existing devices. Specify finish when ordering.

To order:

E.g.: ALK Kit.

Alarm kits are available with a choice of two switch kits, RX or LM. RX monitors the Push Bar and is furnished standard.

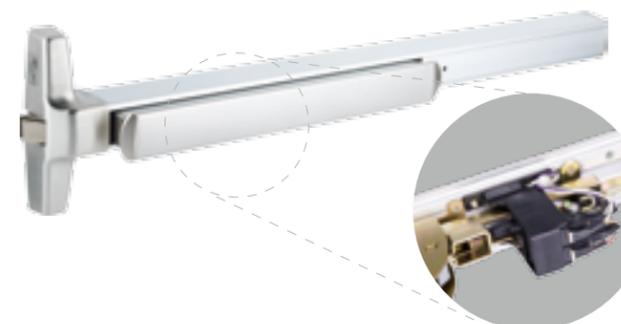
The Alarm Exit provides a simple way to audibly monitor the use of an exit device. The unit contains an alarm which is activated when the Push Bar is depressed. The alarm sounds at 85 db. The unit operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal. Can also be powered using the PS100 series Power Supply.

The AL requires a standard 1-1/4" Mortise Cylinder which is used as a key switch to perform the following functions:

- Silence the alarm after activation.
- Deactivate the alarm for continuous unmonitored egress.

The AL is available with 2 optional circuit boards:

- External Inhibit (EI) allows the use of external switch to be used to arm, disarm and reset the alarm.



RX

Request to Exit

Micro-switch Detecting Push Bar

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the Push Bar. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

Electrical Ratings:

Switch rated: 24 VDC, 3 Amp SPDT.

SPDT (Single Pole, Double Throw).

To order:

Prefix RX (e.g. RX 2100).

LM

Latch Bolt Monitoring

Micro-switch Detecting Latch Bolt

The LM feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latch bolt. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

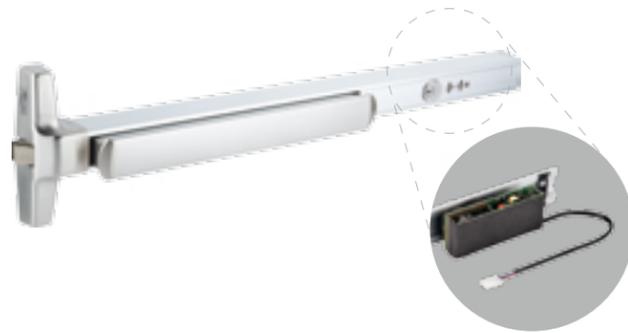
Electrical Ratings:

Switch rated: 24 VDC, 3 Amp SPDT.

SPDT (Single Pole, Double Throw).

To order:

Prefix LM (e.g. LM 2100).



DE

Delayed Egress Device

The Delayed Egress device includes decal for application on door:

**PUSH UNTIL ALARM SOUNDS
DOOR CAN BE OPENED
IN 15 SECONDS**

The Delayed Egress Exit Device provides a controlled egress for openings which require panic or fire exit hardware for safe egress. It is a self contained exit device, when armed it will deny exit to unauthorized personnel for 15 or 30 seconds, while simultaneously sounding a local or remote audible alarm. The Remote Monitoring feature will alert the security personnel that an attempt is being made to exit the opening. After the 15 (or 30) second delay of egress period, the device will function as a standard exit device for safe egress.

Operation:

The device secures the door in the locked mode with a red LED indicating locked status. Depressing the Push bar by accident or for less than the nuisance delay time will sound the alarm without initiating the alarm sequence. Depressing the Push bar with less than 15 pounds pressure, for longer than the nuisance delay time will initiate an irreversible local audible beeping tone and a visual Red indicator until the device releases. After the delay egress time, the lock releases and the alarm changes to a steady tone which continues to alarm until reset. The remote monitoring contact output can be used to alert security personnel.

Note:

A "30 Seconds" decal is provided when the 30-second delay option is specified.

Solenoid Specifications:

- Current Pulse (0.3 seconds): 24 VDC, 16 Amp.
- Continuous: 24 VDC, 0.37 Amp
Requires PS100 Power Supply.

To order:

Prefix DE (e.g. DE 2100).



Power Supply



PS100

The PS100 Power Supply is applicable for wide range of electrical products. 100-2 PCB is REQUIRED for use of ELR devices. The PS100 Series has an option to provide key to lock the enclosure. Battery backup has two hours backup power at full load during an A.C. power failure. Batteries will automatically recharge when failed power is restored. Fire Alarm provides input for a normally closed fire alarm contact. When the fire alarm contact is "open", power to locks or other component is removed. Restoring power is field selectable for automatic or manual.

Certification

UL/cUL listed as a power supply unit class 2, UL294, UL1034 and ULC-S318 requirements.

Specifications

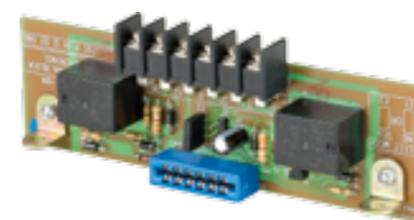
- UL/cUL listed for Class 2 output.
- LED indicators for AC input, DC output and battery backup status.
- The power supply can control up to (4) Delayed Egress Exit Devices.
- Circuit breakers provide protection for Motherboard.
- Standard input options:
 - 120 VAC, 1.0 Amp or
 - 240 VAC, 0.5 Amp.

- Output power:
 - 24 VDC, 2 Amp or
 - 12 VDC, 4 Amp.
- Power Supply box:
 - 10" high x 12-1/2" wide x 5" deep (254mm x 318mm x 127mm), gray with a hinged cover and constructed of heavy 20 gauge steel.
- 3 options:
 - (1) Key lock.
 - (2) Fire alarm.
 - (3) Battery backup (2 hrs.) during AC power failure.

To order:

The Power Supply model is determined on the number of devices requiring electrical power:

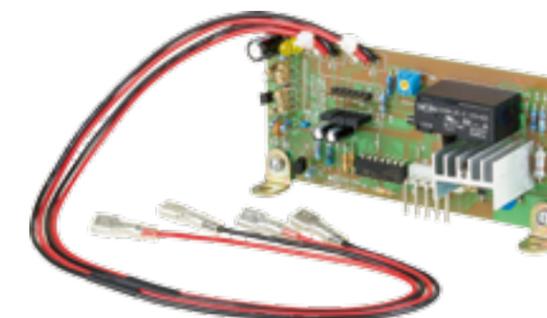
PS101	Voltage 120 VAC
PS102	Voltage 240 VAC
PS101K	Voltage 120 VAC with Key lock
PS102K	Voltage 240 VAC with Key lock
PS101 - 2	Two (2) Zone Controller Board
PS101 - 4	Two (2) Zone Controller Board x 2
PS101 - FA	Fire Alarm
PS101 - BB	Battery Backup



100-2 Two (2) Zone Controller Board



100-FA Fire Alarm



100-BB Battery Backup

Optional Circuit Cards

The PS100 series is available with several optional circuit cards to provide system flexibility. The power supply will accept one or a combination of any two cards.

Maximum wire run:

- 75 ft. with 14 gauge wire and 28 gauge Power Transfer.
- 100 ft. with 14 gauge wire and 24 gauge Power Transfer.
- 200 ft. with 12 gauge wire and 24 gauge Power Transfer.

To order:

100 - 2	Two (2) Zone Controller Board
100 - K	Key lock
100 - 101	120 VAC Power Supply Board
100 - 102	240 VAC Power Supply Board
100 - FA	Fire Alarm
100 - BB	Battery Backup
100 - AC*	Access Control
100 - AL*	Alarm
100 - AO*	Auto Operator
100 - SI*	Security Interlock
100 - 4TD*	Four (4) Zone Controller with Time Delay

*Unavailable until further notice.

Power Transfer - EPT

EPT-1 Power Transfer with steel housing and flexible tube. Secure and inconspicuous channel to bring power from the frame to the door. Narrow, shallow channel easily mortises into door edges. Accepts up to 3/8" diameter wire bundle. Accommodates doors that swing open 120 degrees. Unit is concealed when the door is closed. Suitable for wood, aluminum or steel door applications.

EPT-2 Armored flex conduit. Accepts up to 1/4" diameter wire bundle.

To order:

Specify EPT-1.
Specify EPT-2.



EPT-1



EPT-2

Fire Door Applications and Listings

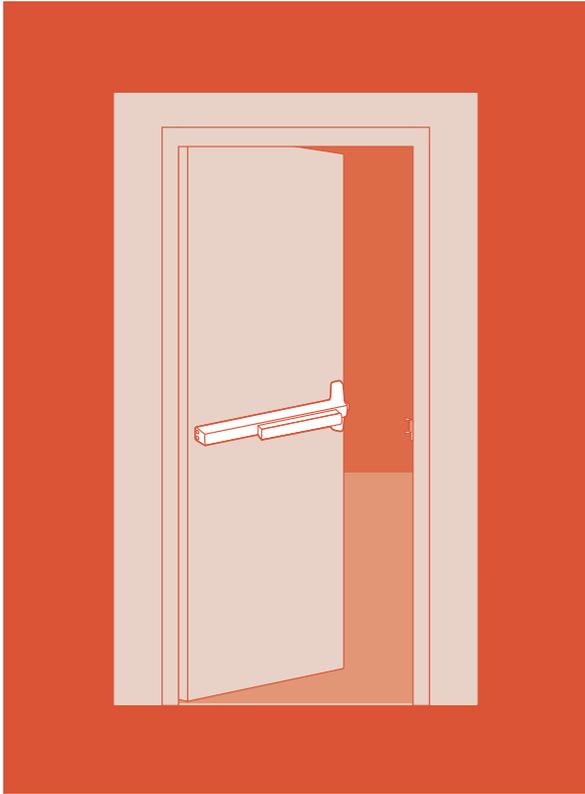
F2000 Series Narrow Head Fire Exit Devices Maximum Door Opening Applications and Listings

Exit Device	Door Metal	Single Door	Double Door			
			With 170 mullion	With 270 mullion	VR/VR Same Direction	VR/VR Double Egress
F2100 RIM	Metal	3 Hour 4' x 8'	3 Hour 8' x 8'	3 Hour 8' x 8'		
F2200 SVR	Metal	3 Hour 4' x 10'			3 Hour 8' x 10'	3 Hour 8' x 10'
F2200 LBR	Metal	3 Hour 4' x 10'			3 Hour 8' x 10'	3 Hour 8' x 10'
F2300 CVR	Metal	3 Hour 4' x 10'			3 Hour 8' x 10'	3 Hour 8' x 10'
F2300 LBR	Metal	3 Hour 4' x 10'			3 Hour 8' x 10'	3 Hour 8' x 10'
F2500 3PT	Metal	3 Hour 4' x 8'	3 Hour 8' x 8'	3 Hour 8' x 8'		

Notes:

1. Fire Exit Device conforms to UL10C and UBC7-2.
2. Fire Exit Device is applicable for wood door with 1-1/2 Hour or 1/3 Hour rating.
3. Consult with door manufacturer for specific limitations on Fire Door Assemblies.

Typical Installation

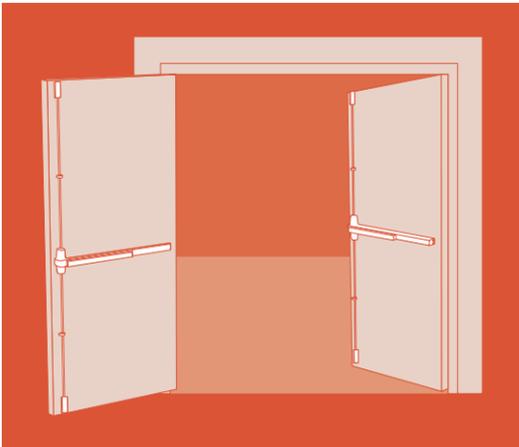


Single Door

Rim Exit Device / Vertical Rod Exit Devices

Panic	RIM	2100	
	SVR	2200	Up to 4' x 10'
	CVR	2300	Door Size
	3PT	2500	
Fire (3 Hour)	RIM	F2100	Up to 4' x 8' Door Size
	SVR	F2200	Up to 4' x 10'
	CVR	F2300	Door Size
	3PT	F2500	Up to 4' x 8'
			Door Size

Typical Installation



Double Egress Opening

Two Surface Vertical Rod Devices

Panic	SVR x SVR	2200 x 2200	Up to 8' x 10'
Fire (3 Hour)	SVR x SVR	F2200 x F2200	Door Size

Two Concealed Vertical Rod Devices

Panic	CVR x CVR	2300 x 2300	Up to 8' x 10'
Fire (3 Hour)	CVR x CVR	F2300 x F2300	Door Size



Two Vertical Rod Devices, Same Direction Less Bottom Rod (Do not use overlapping astragal)

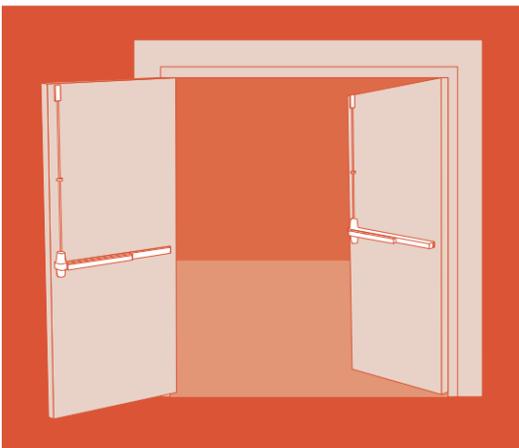
Surface Vertical Rod Devices Less Bottom Rod

Panic	SVR x SVR	2200LBR x 2200LBR	Up to 8' x 10'
Fire (3 Hour)	SVR x SVR	F2200LBR x F2200LBR	Door Size

Concealed Vertical Rod Devices Less Bottom Rod

Panic	CVR x CVR	2300LBR x 2300LBR	Up to 8' x 10'
Fire (3 Hour)	CVR x CVR	F2300LBR x F2300LBR	Door Size

Note: Fire Rated Door with Auxiliary Fire Bolt.



Double Egress Opening Less Bottom Rod

Two Surface Vertical Rod Devices Less Bottom Rod

Panic	SVR x SVR	2200LBR x 2200LBR	Up to 8' x 10'
Fire (3 Hour)	SVR x SVR	F2200LBR x F2200LBR	Door Size

Two Concealed Vertical Rod Devices Less Bottom Rod

Panic	CVR x CVR	2300LBR x 2300LBR	Up to 8' x 10'
Fire (3 Hour)	CVR x CVR	F2300LBR x F2300LBR	Door Size

Note: Fire Rated Door with Auxiliary Fire Bolt.



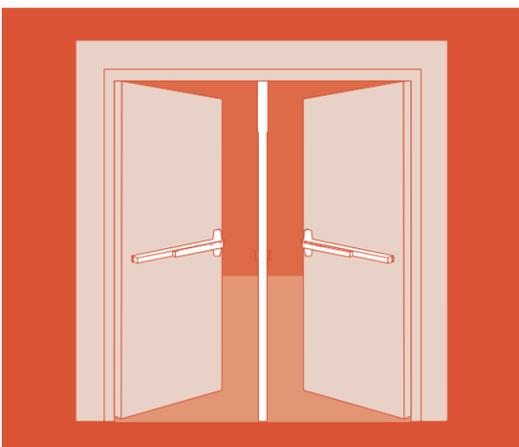
Two Vertical Rod Devices, Same Direction (Do not use overlapping astragal)

Two Surface Vertical Rod Devices

Panic	SVR x SVR	2200 x 2200	Up to 8' x 10'
Fire (3 Hour)	SVR x SVR	F2200 x F2200	Door Size

Two Concealed Vertical Rod Devices

Panic	CVR x CVR	2300 x 2300	Up to 8' x 10'
Fire (3 Hour)	CVR x CVR	F2300 x F2300	Door Size



Two Rim Exit Devices with Removable Mullion, Same Direction

Two Rim Exit Devices with Removable Mullion

Panic	RIM x RIM	2100 x 2100	Up to 8' x 10' Door Size
Fire (3 Hour)	RIM x RIM	F2100 x F2100	Up to 8' x 8' Door Size'

Two Three-Point Latching Devices with Removable Mullion

Panic	3PT x 3PT	2500 x 2500	Up to 8' x 10' Door Size
Fire (3 Hour)	3PT x 3PT	F2500 x F2500	Up to 8' x 8' Door Size'

Note: With 170 Keyed / 270 Non-Keyed Removable Mullion.



Vertical Rod Devices/ RIM Exit Devices, Same Direction

One Rim Exit Device x One Vertical Rod Device

Panic	RIM x SVR	2100 x 2200	Up to 8' x 10' Door Size
	RIM x CVR	2100 x 2300	
Fire (3 Hour)	RIM x SVR	F2100 x F2200	Door Size
	RIM x CVR	F2100 x F2300	

How to Order

Unless specified, 2000 Series Narrow Head Exit Devices and Trim can be ordered as indicated below:

Device Only: Device No. x Finish; Example: 2100 x 626(Panic Device)
 F2200 x 630(Fire Rated Device)

Trim Only: Trim No. x Finish; Example: 508M x 626

Device and Trim: Device No. x Trim No. x Finish; Example: 2100 x 508M x 626

For smooth surface case: Change the last two digits in series number to "10"; Example: 2110, F2210, etc.

Optional Items: As sequenced below.

Device	Ordering example																																	
	ELR	2500	LD	RBL	626	307	AEH	SMDF	403 RHR	GD																								
Prefix for Electric Options																																		
AL Alarm Exit DE Delayed Egress Device ELR Electric Latch Retraction LM Latch Bolt Monitoring RX Request to Exit SS Signal Switch Blank For Regular (Non-electric) Device																																		
Device Number and Rating																																		
<table border="0"> <tr> <td>Panic</td> <td>2100</td> <td>RIM</td> <td>Fire</td> <td>F2100</td> <td>RIM</td> </tr> <tr> <td></td> <td>2200</td> <td>SVR</td> <td></td> <td>F2200</td> <td>SVR</td> </tr> <tr> <td></td> <td>2300</td> <td>CVR</td> <td></td> <td>F2300</td> <td>CVR</td> </tr> <tr> <td></td> <td>2500</td> <td>3PT</td> <td></td> <td>F2500</td> <td>3PT</td> </tr> </table>											Panic	2100	RIM	Fire	F2100	RIM		2200	SVR		F2200	SVR		2300	CVR		F2300	CVR		2500	3PT		F2500	3PT
Panic	2100	RIM	Fire	F2100	RIM																													
	2200	SVR		F2200	SVR																													
	2300	CVR		F2300	CVR																													
	2500	3PT		F2500	3PT																													
Dogging (see page 27)																																		
CD Cylinder Dogging ED Electric Dogging (ELR) LD Less Dogging Blank Flat/Hex Key Dogging																																		
Bottom Rod and Latch Options																																		
LBR Less Bottom Rod RBL Round Bottom Latch PL Pullman Latch																																		
Finish (see page 7)																																		
<table border="0"> <tr> <td>605 (US3)</td> <td>611 (US9)</td> <td>613 (US10B)</td> <td>626 (US26D)</td> </tr> <tr> <td>606 (US4)</td> <td>612 (US10)</td> <td>625 (US26)</td> <td>630 (US32D)</td> </tr> </table>											605 (US3)	611 (US9)	613 (US10B)	626 (US26D)	606 (US4)	612 (US10)	625 (US26)	630 (US32D)																
605 (US3)	611 (US9)	613 (US10B)	626 (US26D)																															
606 (US4)	612 (US10)	625 (US26)	630 (US32D)																															
Device and Door Size																																		
<table border="0"> <tr> <td>307</td> <td>3' Device for 2'4"~3'x7' (Standard)</td> <td>407</td> <td>4' Device for 2'10"~4'x7'</td> </tr> <tr> <td>308</td> <td>3' Device for 2'4"~3'x8'</td> <td>408</td> <td>4' Device for 2'10"~4'x8'</td> </tr> <tr> <td>310</td> <td>3' Device for 2'4"~3'x10'</td> <td>410</td> <td>4' Device for 2'10"~4'x10'</td> </tr> </table>											307	3' Device for 2'4"~3'x7' (Standard)	407	4' Device for 2'10"~4'x7'	308	3' Device for 2'4"~3'x8'	408	4' Device for 2'10"~4'x8'	310	3' Device for 2'4"~3'x10'	410	4' Device for 2'10"~4'x10'												
307	3' Device for 2'4"~3'x7' (Standard)	407	4' Device for 2'10"~4'x7'																															
308	3' Device for 2'4"~3'x8'	408	4' Device for 2'10"~4'x8'																															
310	3' Device for 2'4"~3'x10'	410	4' Device for 2'10"~4'x10'																															
Strike Options (see page 23)																																		
<table border="0"> <tr> <td>P</td> <td>103 RIM Strike</td> <td>Q</td> <td>203 SVR Top Strike</td> <td>G</td> <td>225 VR Bottom Strike</td> </tr> <tr> <td>A</td> <td>106 RIM Strike</td> <td>D</td> <td>215 SVR Top Strike</td> <td>H</td> <td>226 VR Bottom Strike</td> </tr> <tr> <td>B</td> <td>108 RIM Strike</td> <td>E</td> <td>216 CVR Top Strike</td> <td>J</td> <td>227/227F VR Bottom Strike</td> </tr> <tr> <td>C</td> <td>136 RIM Pair Door Strike</td> <td>F</td> <td>224 VR Bottom Strike</td> <td></td> <td></td> </tr> </table>											P	103 RIM Strike	Q	203 SVR Top Strike	G	225 VR Bottom Strike	A	106 RIM Strike	D	215 SVR Top Strike	H	226 VR Bottom Strike	B	108 RIM Strike	E	216 CVR Top Strike	J	227/227F VR Bottom Strike	C	136 RIM Pair Door Strike	F	224 VR Bottom Strike		
P	103 RIM Strike	Q	203 SVR Top Strike	G	225 VR Bottom Strike																													
A	106 RIM Strike	D	215 SVR Top Strike	H	226 VR Bottom Strike																													
B	108 RIM Strike	E	216 CVR Top Strike	J	227/227F VR Bottom Strike																													
C	136 RIM Pair Door Strike	F	224 VR Bottom Strike																															
Other Miscellaneous Door Information																																		
<table border="0"> <tr> <td>SMDF</td> <td>Single Hollow Metal Door and Frame</td> <td>PMDF</td> <td>Pair Hollow Metal Door and Frame</td> </tr> <tr> <td>SWDF</td> <td>Single Wood Door and Frame</td> <td>PWDF</td> <td>Pair Wood Door and Frame</td> </tr> <tr> <td>SWMF</td> <td>Single Wood Door and Hollow Metal Frame</td> <td>PWMF</td> <td>Pair Wood Door and Hollow Metal Frame</td> </tr> </table>											SMDF	Single Hollow Metal Door and Frame	PMDF	Pair Hollow Metal Door and Frame	SWDF	Single Wood Door and Frame	PWDF	Pair Wood Door and Frame	SWMF	Single Wood Door and Hollow Metal Frame	PWMF	Pair Wood Door and Hollow Metal Frame												
SMDF	Single Hollow Metal Door and Frame	PMDF	Pair Hollow Metal Door and Frame																															
SWDF	Single Wood Door and Frame	PWDF	Pair Wood Door and Frame																															
SWMF	Single Wood Door and Hollow Metal Frame	PWMF	Pair Wood Door and Hollow Metal Frame																															
Trim Options (see page 19)																																		
400 Series 401 , 402 , 403R (*RHR/LHR specification needed) 500 Series 502 , 503R , 508M , 509R , 511M , 512R , 514 , 516 (511P , 516P applicable with SVR , CVR)																																		
Lever / Grip Options (see page 19)																																		
Lever D (Standard), Q, A, K Grip GD (Standard), GK																																		

Trim

Warranty

I-TEK warrants to the original purchaser that all products manufactured and provided by it shall be free of defects in material and workmanship regarding Mechanical Locks (5 years), Electrified Products (1 year) and finishes (1 year). The present warranty does not cover scratches, abrasions, deterioration due to the use of paints, solvents and other chemicals, normal wear and tear, abuse or any damage caused by improper installation or misuse of the product. Furthermore, the cost incurred in removing and installing a replacement product is not included in the warranty. Upon return of a defective product, I-TEK may repair or replace the product.

Any retrofit or other field modification to a fire-rated opening can potentially impact the fire rating of the opening, and I-TEK Metal Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority having jurisdiction) to ensure compliance with all applicable codes and ratings.

Note:

- Warranty is not applied for devices installed in educational facilities and student dormitories.
- The warranty becomes effective from the date of shipment.