

The MSR is a cost-effective single-point bolting device, designed for commercial doors securing high-value sites.

Single motion release by lever handle or panic bar, making this device suitable to secure exit doors and provide life-safety egress. An optional external trim provides key entry for authorized personnel. The robust design and stainless steel construction of the MSR will assist in protecting your facility and provide durability.



FEATURES

- Surface mounted for maximum strength
- 20 mm (3/4") x 16.5 mm (5/8") central bolt x 20 mm (3/4") throw
- Stainless steel construction for corrosion resistance and durability
- Tested to over 1,000,000 cycles
- Built in anti-thrust mechanism for enhanced security.

BENEFITS

- Door automatically secured against physical attack
- Built in anti-thrust mechanism for enhanced security
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service

OPTIONAL ENHANCEMENTS

- Monitoring of bolt status
- External lockable trim to provide key entry for authorized personnel
- Further enhancements are available

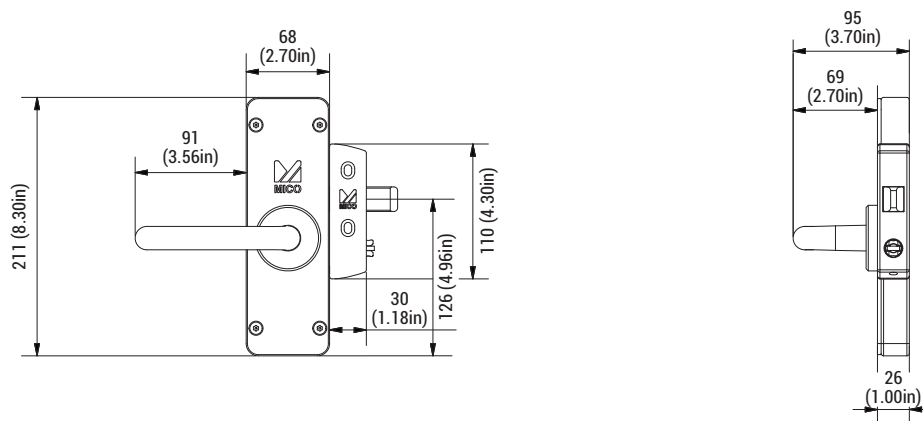
PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly. Product certification is subject to the chosen lock configuration, for full details please contact the sales office.



SECURITY															SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES				
LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627							STS 202	PAS 24	LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7																	SR8
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5								
10 MIN									180 SEC					15	RC4	BR4			EN 179	UL752 Level 1-10		EN 1634-1	GR4	500K
5 MIN									120 SEC						RC3	BR3							GR3	
3 MIN	A3	B3							60 SEC					5	RC2	BR2	SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	CERTIFIRE	GR2	200K	
1 MIN									30 SEC						RC1	BR1					BS 476-22	GR1		

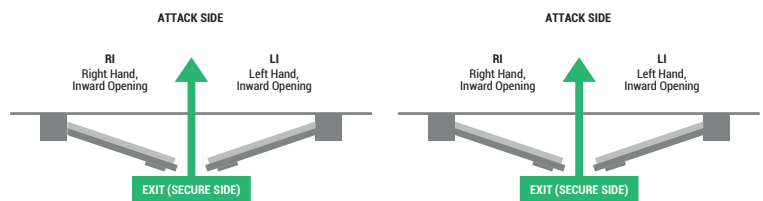
MSR SINGLE-POINT TECHNICAL DRAWING



SELF CODING SYSTEM

The MSR (MS) has a structured ordering code that covers the chosen methods of entry, exit and securing, followed by the mounting and orientation codes, additional enhancements can be added to further customise the device.

EXAMPLE ORDER CODE: MS1A-XXXX-AB-LMPB



PRODUCT			ENTRY			SECURING		EXIT		
RANGE		BOLTS	UNLOCKING			UPON DOOR CLOSURE		UNLOCKING		
MS	MSR	1	X	None		AB	Auto bolting only		X	None
BOLT DIRECTION			H	Lockable handle (Key/Padlock)					L	Single Handed / Panic - Emergency
A	Horizontal bolt		BOLT RETRACTION						BOLT RETRACTION	
		X	None		M				Manual	
		M	Manual		OPERATOR					
		XX	None		LS				Lever handle (Tubular straight)	
		LH	Lockable handle		US				Profile lever handle (Straight)	
									PB	Panic bar (Blade aluminium)
				PP	Push pad					
				PE	Panic bar (Tubular st/st)					

EXAMPLE BOLT DIRECTIONS

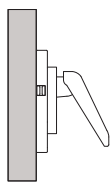
See coding chart above for reference



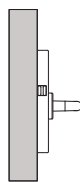
No. Bolts (1)
Direction (A)

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



Entry (XXXX)
Exit (LMPB)



Entry (XXXX)
Exit (LMLS)

For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.

The Surelock EX700 range of latches provide an effective solution for automatic securing of heavy-duty industrial doors. The latch comprises a 15mm square stainless steel bolt with a 19mm throw.

The operation of the handle is smoothly converted into latch movement by an internal rack and pinion mechanism that provides for long life and durability. Latch release is also provided by a stainless steel lever handle on the inside of the door.



EX701

FEATURES

- Single handed entry
- 15mm square steel latch bolt
- Proven rack & pinion driven
- Stainless steel strike plate for an outward opening door
- Cycle tested to over 1,000,000 cycles

BENEFITS

- Engineered for longevity and trouble free service
- Manufactured from 316 Stainless Steel for highly corrosive environments
- Highly reliable bolting solution
- Smooth and controlled operation

OPTIONAL ENHANCEMENTS

- External key entry facilities provided by LEO 3/8" (See page 68 for more information)
- Rim cylinder provided using option K10
- Mortice fitting variants available
- Push pad; or lever handle to BS EN 179:2008 CE Marked
- Panic bar to BS EN 1125:2008 CE Marked

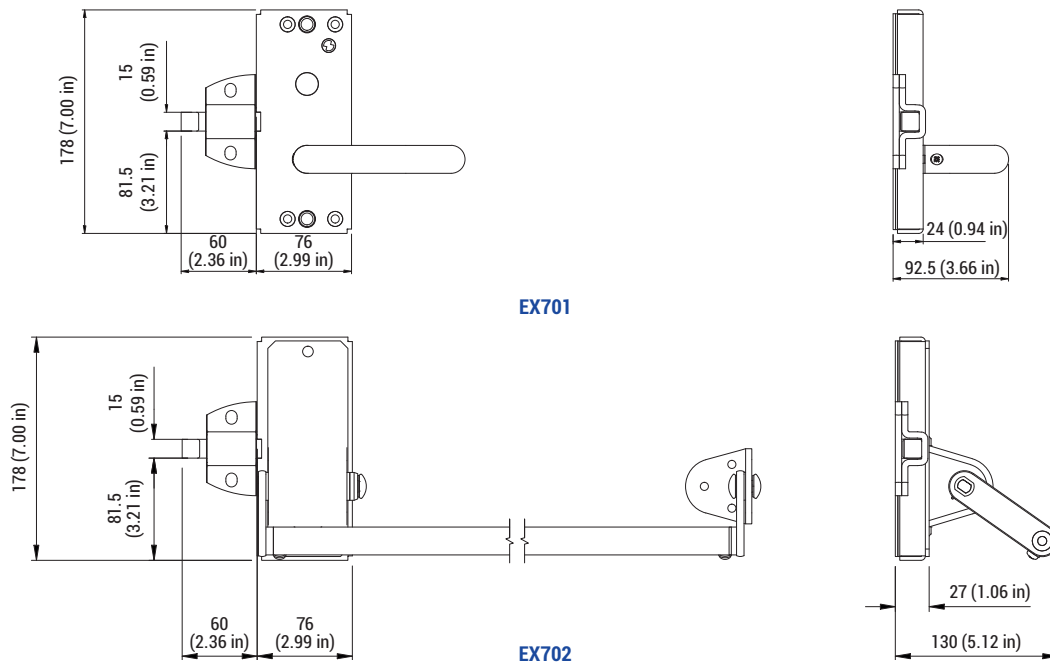
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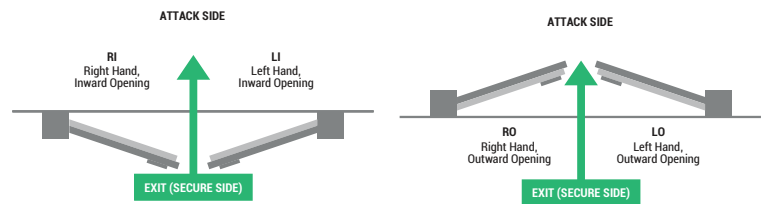
EX700 RANGE TECHNICAL DRAWINGS



SELF CODING SYSTEM

The EX700 range have a simple ordering code that covers the Model, Enhancements and handing

EXAMPLE ORDER CODE: EX701-S-L-04



MODEL	ENHANCEMENTS	HANDING
EX701-S	L LEO handle	04 Right hand outward opening
EX702-S	K10 External key access (Rim only)	05 Left hand outward opening
	H3 Push pad in place of lever handle	07 Right hand inward opening
	W3 Machined screw fixings	08 Left hand inward opening

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference

Entry (xxxx) Exit (EX701)	Entry (xxxx) Exit (EX702)	Entry (Enhancement L) Exit (EX701)	Entry (Enhancement L) Exit (EX702)

For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.