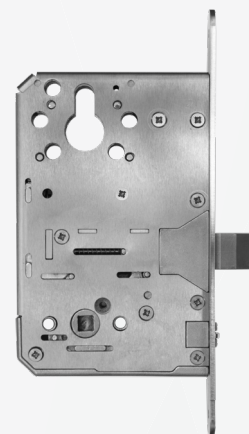


The Modula is a cost-effective high security single-point mortice lock that completely changes the performance expectations of standard 70mm backset locks. Modula has been engineered to provide multiple entry & exit methods, making it incredibly versatile and suitable for most applications.

Entry includes key, or access control with lever handle. A choice of controlled, or life-safety panic/emergency exit is available to meet a wide range of egress requirements. The robust design and stainless steel construction of the Modula range will assist in protecting your facility and provide durability.



FEATURES

- Unique design utilises partial latching prior to deadlocking
- Mortice mounted & retrofittable to existing doorsets
- 70 mm (2 3/4") backset
- 20 mm (3/4") x 15 mm (5/8") bolt x 25 mm (1") throw
- Stainless steel construction for corrosion resistance and durability
- Tested to over 1,000,000 cycles
- To suit Euro Profile cylinders (order cylinder separately)

BENEFITS

- Choice of securing upon door closure (automatic or manual)
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- Provides a wide selection of operational functionality

OPTIONAL ENHANCEMENTS

- Monitoring of bolt & lock status
- External key override in case of power failure (order cylinder separately to activate)
- Cylinder guard protection available from our tested and accredited range
- Breakdome over thumbturn and lever handle to enable exit
- 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	60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL	
20 MIN									300 SEC	A300E	B300E				15 MIN					RC5		BR5			EN 179
10 MIN									180 SEC					5 MIN				RC4	BR4	SRA		UL305	ASTM F2927 Cat 1		CERTIFIRE
3 MIN		A3	B3						120 SEC					1 MIN			RC3	BR3	UL 305		NIJ 0108.01 Level 2 & 3	BS 476-22		GR2	200K
									60 SEC					5			RC2	BR2				GR1			
									30 SEC			C30E	D30E				RC1	BR1							

ENTRY FUNCTION (OPTIONS)

KEY & LEVER HANDLE

Key to unlock & lever handle to release

ACCESS CONTROL

Access control to unlock & lever handle to release

EXIT FUNCTION (OPTIONS)

PANIC BAR

Life-safety panic exit

EMERGENCY – PUSH PAD

Single operation exit

EMERGENCY – LEVER HANDLE

Single operation exit

KEY & LEVER HANDLE

Key to unlock & lever handle to release

THUMBTURN & LEVER HANDLE

Thumbturn to unlock & lever handle to release

BREAK DOME & LEVER HANDLE

Break dome & thumbturn to unlock & lever handle to release

ACCESS CONTROL & LEVER HANDLE

Access control to unlock & lever handle to release

LOCK FUNCTION (OPTIONS)

AUTO DEADLOCKING

Automatic deadlocking upon door closure
(Storeroom function)

MANUAL DEADLOCKING

Manual deadlocking upon door closure
(Classroom function)

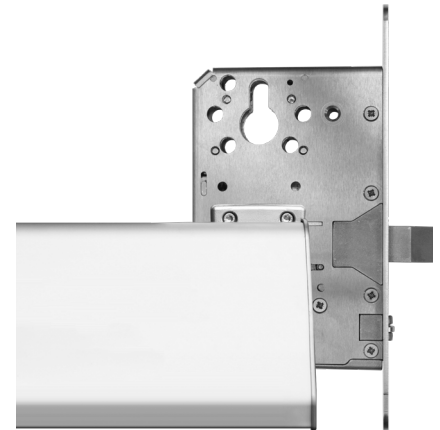
NO DEADLOCKING

Panic & emergency exit only

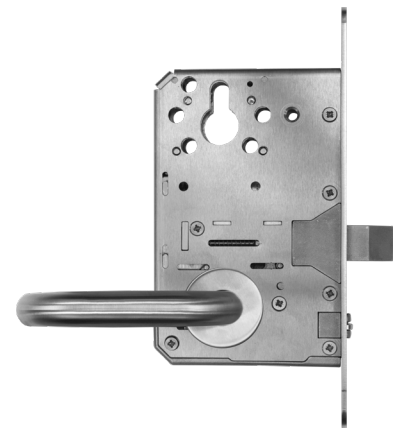
BOLT FUNCTION (OPTIONS)

AUTO BOLTING

Automatic bolting upon door closure



PANIC & EMERGENCY EXIT

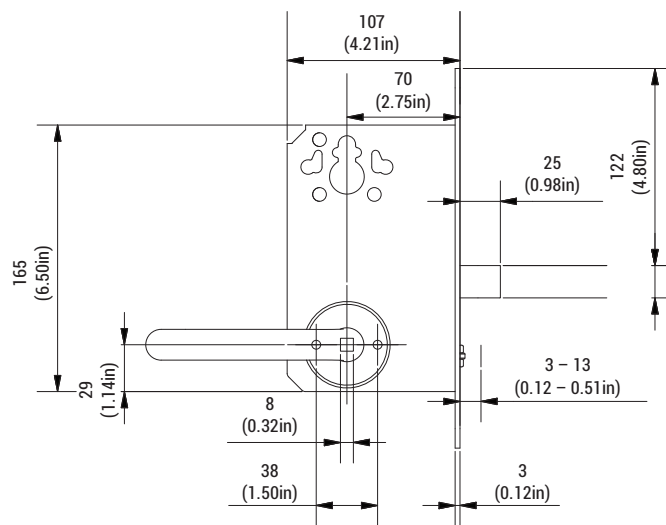


KEY & LEVER HANDLE

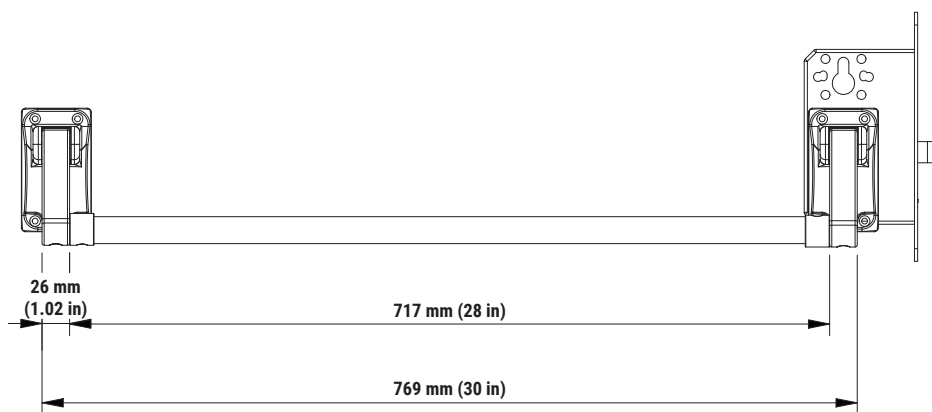
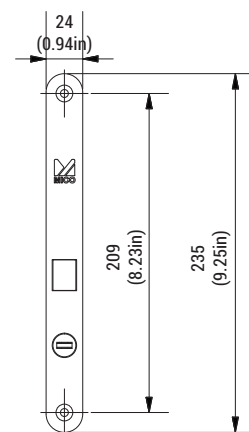


ACCESS CONTROL

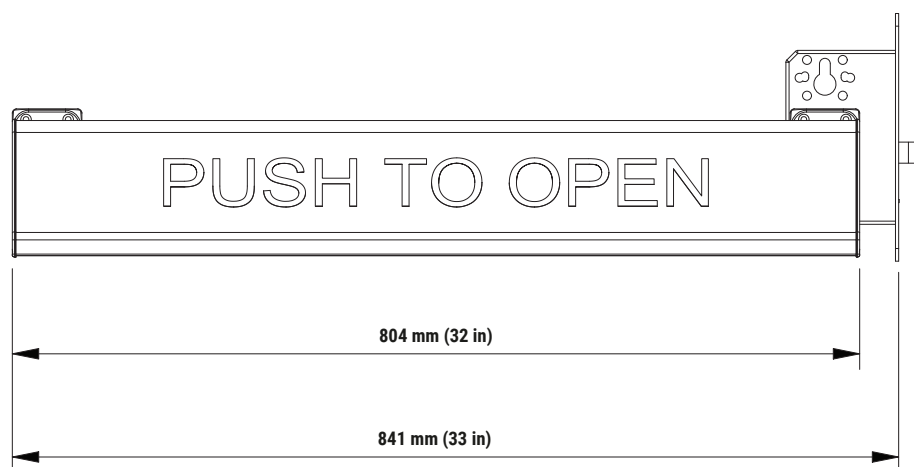
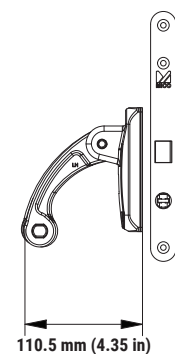
MODULA TECHNICAL DRAWINGS



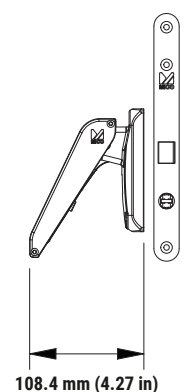
MODULA



MODULA PANIC BAR



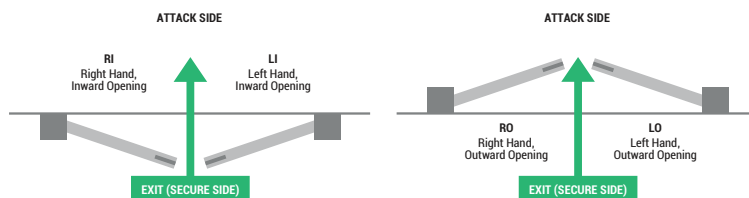
MODULA PANIC BAR (BLADE)



SELF CODING SYSTEM

The Modula (MA) 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: MA1A-KMLS-AM-KMLS



PRODUCT			ENTRY		SECURING		EXIT			
RANGE		BOLTS	UNLOCKING		UPON DOOR CLOSURE		UNLOCKING			
MA	Modula	1	X	None	AA	Auto bolting / Auto deadlocking	X	None		
BOLT DIRECTION			K	Key	AM	Auto bolting / Manual deadlocking	K	Key		
A	Horizontal bolt		A	Access control	AB	Auto bolting only	A	Access control		
			BOLT RETRACTION				T	Thumbturn		
			X	None			L	Single Handed / Panic - Emergency		
			M	Manual			BOLT RETRACTION			
			OPERATOR				X	None		
			XX	None			M	Manual		
			LS	Lever handle (Tubular straight)			OPERATOR			
			US	Profile lever handle (Straight)			XX	None		
									LS	Lever handle (Tubular straight)
									US	Profile lever handle (Straight)
									PB	Panic bar (Blade aluminium)
PP	Push pad									
							PE	Panic bar (Tubular st/st)		

EXAMPLE BOLT DIRECTIONS

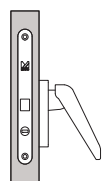
See coding chart above for reference



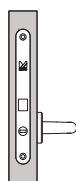
No. Bolts (1)
Direction (A)

EXAMPLE ENTRY/EXIT DIRECTIONS

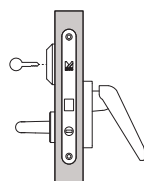
See coding chart above for reference



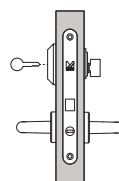
Entry (XXXX)
Exit (LMPB)



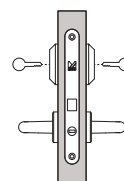
Entry (XXXX)
Exit (LMLS)



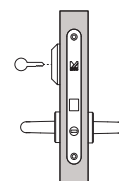
Entry (KMLS)
Exit (LMPB)



Entry (KMLS)
Exit (TMLS)



Entry (KMLS)
Exit (KMLS)



Entry (KMLS)
Exit (LMLS)

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

MODULA ACCESS CONTROL POWER CONSUMPTION

VOLTAGE	POWER CONSUMPTION PER SOLENOID	CURRENT DRAW PER SOLENOID	RECOMMENDED POWER SUPPLY
12 V	10 W	0.8 A	12 V 1.5 A