

The Moorgate is a high performance multi-point locking system with unique opposing hook bolts, for sliding/hinged gates and doors. Tested and certified to internationally recognised standards for protection against forced entry, and subjected to vigorous testing in relation to blast, ballistic and fire protection. Moorgate has been engineered to provide multiple entry and exit methods, making the range incredibly versatile and suitable for most applications.

Entry includes key, access control, or combination lock with lever handle, or complete hands-free motorised remote operation. A choice of controlled, or single motion egress for emergency exit is available to meet a wide range of requirements. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Available for mortice, or surface mounted
- 3 to 7 point bolting positions
- Two 44 mm (1 3/4") x 10 mm (3/8") hook bolts, plus a 15 mm (5/8") square center-bolt x 25 mm (1") throw
- Unique opposing hook design
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- To suit Rim and Euro Profile cylinders (order cylinder separately)

BENEFITS

- Prevents lift-off attack
- 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
- Request to Exit (REX)
- 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 control exit
- Pre-installed in a structural steel rectangular tube section, for fast on-site retro-fitting

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	ASTM F2927 Cat 1	UL 1634-1	GR4	500K
5 MIN	A5	B5	C5						120 SEC						RC3	BR3								
3 MIN									60 SEC					5	RC2	BR2			SRA	UL 305		NIJ 0108.01 Level 1-4	CERTIFIRE	GR2
1 MIN									30 SEC						RC1	BR1								BS 476-22



ENTRY FUNCTION (OPTIONS)

KEY & LEVER HANDLE	Key to unlock & lever handle to release
ACCESS CONTROL	Access control to unlock & lever handle to release
MOTORISED	Single remote activation to unlock & release
COMBINATION LOCK	Combination lock & lever handle to release
LOCKABLE OPERATOR	External key lockable lever handle/hasp for panic exits

EXIT FUNCTION (OPTIONS)

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
MOTORISED	Single remote activation to unlock & release

LOCK FUNCTION (OPTIONS)

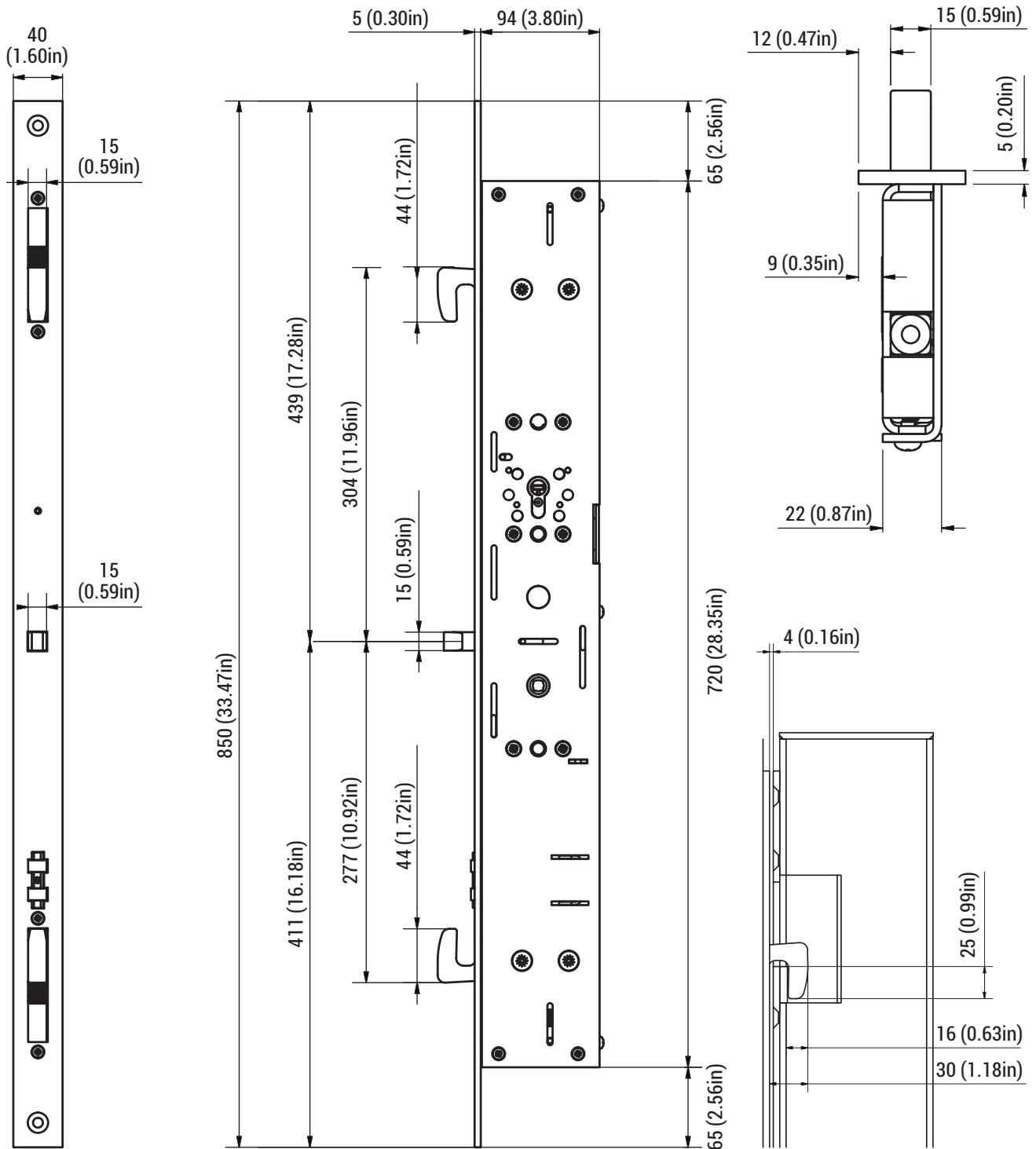
AUTO DEADLOCKING	Automatic deadlocking upon door closure (Storeroom function)
MANUAL DEADLOCKING	Manual deadlocking upon door closure (Classroom function)
NO DEADLOCKING	Panic & emergency exit only

BOLT FUNCTION (OPTIONS)

AUTO BOLTING	Automatic bolting upon door closure
MANUAL BOLTING	Manual bolting



MOORGATE TECHNICAL DRAWING



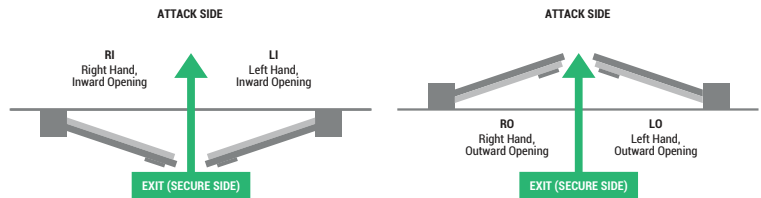
Intellectual Property Rights

All Surelock products are the subject to intellectual property rights. These include pending and approved patent and design rights, in particular to the Moorgate: GB2458893. In accordance with our policy of continual development and improvement we reserve the right to make changes in design and specifications without notice.

SELF CODING SYSTEM

The Moorgate multi-point (MO) 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: MG3A-KMLS-AA-LMLS



PRODUCT			ENTRY		SECURING		EXIT	
RANGE	BOLTS		UNLOCKING		UPON DOOR CLOSURE		UNLOCKING	
MG	Moorgate	3 – 8	X	None	AA	Auto bolting / Auto deadlocking	X	None
BOLT DIRECTION			K	Key	AM	Auto bolting / Manual deadlocking	K	Key
C	Horizontal bolts (Standard)		H	Lockable handle (Key / Padlock)	AB	Auto bolting only	A	Access control
A-F	Other variants		A	Access control	MB	Manual bolting only	T	Thumbturn
			C	Combination lock			L	Single Handed / Panic - Emergency
			BOLT RETRACTION				BOLT RETRACTION	
			X	None			X	None
			M	Manual			M	Manual
			P	Motorised Bolt Retraction			P	Powered (Electric)
			OPERATOR				OPERATOR	
			XX	None			XX	None
			LS	Lever handle (Tubular straight)			LS	Lever handle (Tubular straight)
			US	Profile handle (Straight)			LE	Lever handle (Tubular ergonomic)
			LH	Lockable handle			US	Profile handle (Straight)

EXAMPLE BOLT DIRECTIONS						See coding chart above for reference
No. Bolts (3) Direction (C)	No. Bolts (4) Direction (C)	No. Bolts (5) Direction (A)	No. Bolts (6) Direction (A)	No. Bolts (6) Direction (B)	No. Bolts (6) Direction (C)	

EXAMPLE ENTRY/EXIT DIRECTIONS			See coding chart above for reference
Entry (XXXX) Exit (KMLS)	Entry (KMLS) Exit (TMLS)	Entry (AMLS) Exit (LMLE)	

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

MOORGATE ACCESS CONTROL & MOTORISED POWER CONSUMPTION

SYSTEM	OPTION CODE	VOLTAGE	POWER CONSUMPTION PER SOLENOID	CURRENT DRAW PER SOLENOID	RECOMMENDED POWER SUPPLY
					SINGLE SOLENOID
12 V – Energise to unlock	R (Standard)	12 V	10 W	0.8 A	12 V 1.5 A
24 V – Energise to unlock	R1	24 V	10 W	0.4 A	24 V 1.0 A
12 V – Energise to lock	R2	12 V	10 W	0.8 A	12 V 1.5 A
24 V – Energise to lock	R3	24 V	10 W	0.4 A	24 V 1.0 A