



Surelock McGill

SLIMLINE MULTI-POINT





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The Slimline range is a high performance multi-point locking system, tested and certified to multiple international standards against forced entry, blast, ballistic and fire protection. Slimline 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 life safety panic and emergency exit is available to meet a wide range of egress requirements. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Available for mortice fitted, or surface mounted
- 2 to 7 point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles
- To suit rim and 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 the greatest 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
- Further enhancements are available

*Single-Point 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	EN 1522 FB7	ISO 16933 EXV 15	EN 1634-1	GR5	1 MIL
20 MIN	A20	B20	C20	D20	E20	F20	G20		300 SEC	A300E	B300E	C300E	D300E		RC5	BR5			EN 179	UL 752 Level 10	ASTM F2927 Cat 1	UL 10C	GR4	500K
15 MIN									240 SEC					15	RC4	BR4		EN 179	UL 752 Level 10	ASTM F2927 Cat 1	EN 1634-1	GR4	500K	
10 MIN									180 SEC					5	RC3	BR3	SRA	EN 179	UL 752 Level 10	ASTM F2927 Cat 1	Certifire	GR3	500K	
5 MIN									120 SEC						RC2	BR2		UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	Certifire	GR3	500K	
3 MIN									60 SEC					5	RC1	BR1		SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	BS 476-22	GR2	200K
1 MIN									30 SEC						RC1	BR1	UL 305		NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	BS 476-22	GR1	200K	



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 to unlock & lever handle to release
LOCKABLE OPERATOR	External key lockable lever handle/hasp for panic exits

EXIT FUNCTION (OPTIONS)

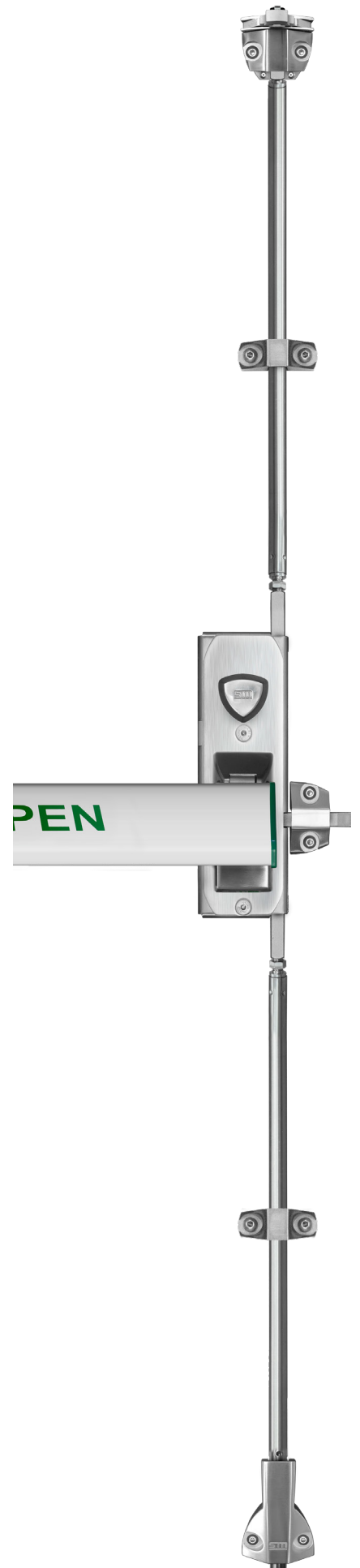
PANIC BAR	Life safety panic exit
EMERGENCY – PUSH PAD	Single operation exit
EMERGENCY – LEVER HANDLE	Single operation exit
KEY & LEVER HANDLE	Key to unlock & lever handle to release
THUMBTURN & LEVER HANDLE	Thumbturn to unlock & lever handle to release
BREAK DOME & LEVER HANDLE	Break dome & thumbturn to unlock & lever handle to release
ACCESS CONTROL & LEVER HANDLE	Access control to unlock & lever handle to release
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 and emergency exit only

BOLT FUNCTION (OPTIONS)

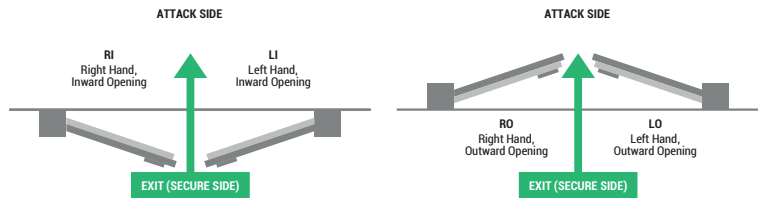
AUTO BOLTING	Automatic bolting upon door closure
MANUAL BOLTING	Manual bolting



SELF CODING SYSTEM

The Slimline (SL) and mortice version (SM) have 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: SL3A-AMLS-AA-LMLE



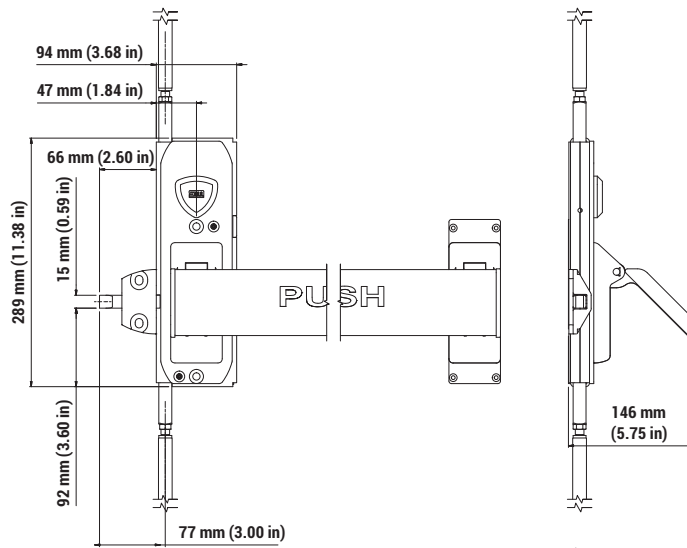
PRODUCT			ENTRY		SECURING		EXIT	
RANGE	BOLTS		UNLOCKING		UPON DOOR CLOSURE		UNLOCKING	
SL	Surface	2-7	X	None	AA	Auto bolting / Auto deadlocking	X	None
SM	Mortice	2-7	K	Key	AM	Auto bolting / Manual deadlocking	K	Key
BOLT DIRECTION			H	Lockable handle (Key / Padlock)	AB	Auto bolting only	A	Access control
A	Vertical bolts, Horizontal bolt		A	Access control	MA	Manual bolting / Auto deadlocking	T	Thumbturn
B-E	Other variants		C	Combination	MM	Manual bolting / Manual deadlocking	L	Single Handed / Panic and Emergency
			L	Single Handed / Panic and Emergency	MB	Manual bolting only	BOLT RETRACTION	
			BOLT RETRACTION				X	None
			X	None			M	Manual
			M	Manual			P	Powered (Electric)
			P	Powered (Electric)			OPERATOR	
			OPERATOR				XX	None
			XX	None			LS	Lever handle (Tubular straight)
			LS	Lever handle (Tubular straight)			LE	Lever handle (Tubular ergonomic)
			US	Profile handle (Straight)			US	Profile handle (Straight)
			UC	Profile handle (Straight clutched)			UE	Profile handle (Ergonomic)
			LH	Lockable handle			UC	Profile handle (Straight clutched)
			PB	Panic bar (Blade aluminium)			PB	Panic bar (Blade aluminium)
			PE	Panic bar (Tubular st/st)			PE	Panic bar (Tubular st/st)
			PP	Push pad			PP	Push pad
			PS	Push pad (Stainless steel)			PS	Push pad (Stainless steel)

EXAMPLE BOLT DIRECTIONS						See coding chart above for reference
No. Bolts (2) Direction (A)	No. Bolts (3) Direction (A)	No. Bolts (3) Direction (B)	No. Bolts (3) Direction (C)	No. Bolts (4) Direction (A)	No. Bolts (5) Direction (A)	

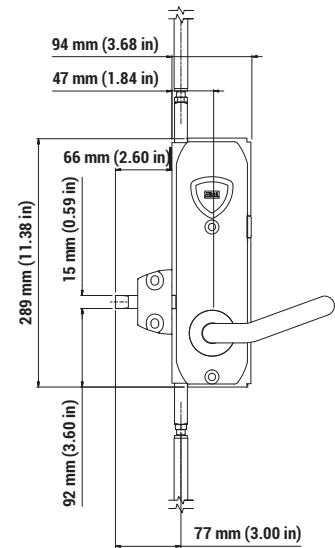
EXAMPLE ENTRY/EXIT DIRECTIONS					See coding chart above for reference
Entry (XXXX) Exit (KMLS)	Entry (KMLS) Exit (TMLS)	Entry (AMLS) Exit (AMLS)	Entry (CMLS) Exit (LMLE)	Entry (HMLH) Exit (LMPB)	

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

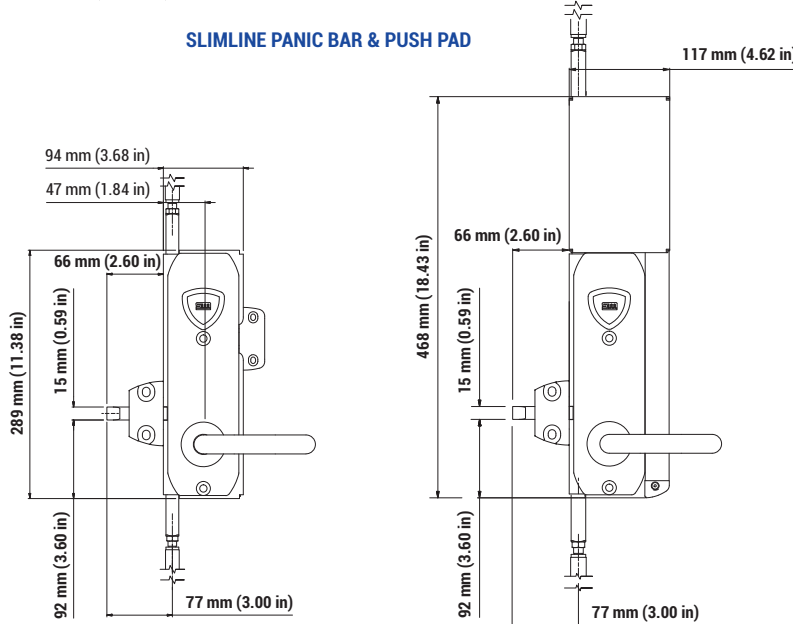
SLIMLINE TECHNICAL DRAWINGS



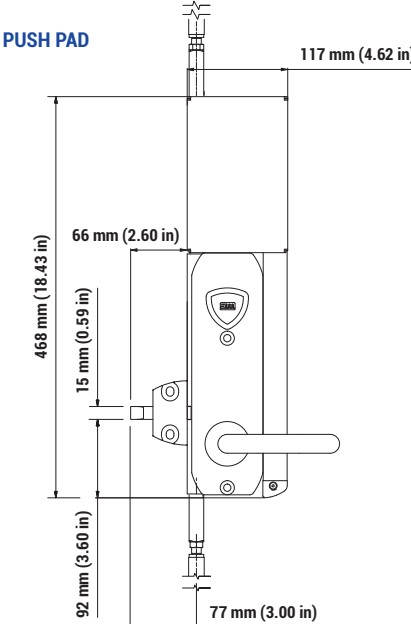
SLIMLINE PANIC BAR & PUSH PAD



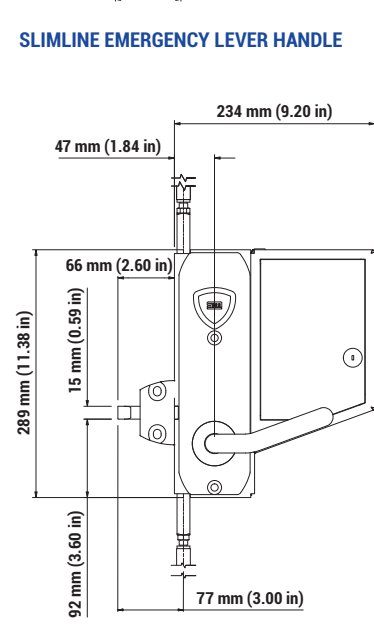
SLIMLINE EMERGENCY LEVER HANDLE



SLIMLINE ACCESS CONTROL



SLIMLINE MOTORISED BOLT RETRACTION



SLIMLINE COMBINATION LOCKING

SLIMLINE ACCESS CONTROL & MOTORISED POWER CONSUMPTION

SYSTEM	OPTION CODE	VOLTAGE	POWER CONSUMPTION PER SOLENOID	CURRENT DRAW PER SOLENOID	RECOMMENDED POWER SUPPLY	
					SINGLE SOLENOID	TWIN SOLENOID
12V – Energise to unlock	R00 (Standard)	12V	10W	0.8A	12V 1.5A	12V 2.0A
24V – Energise to unlock	R01	24V	10W	0.4A	24V 1.0A	24V 1.5A
12V – Energise to lock	R02	12V	10W	0.8A	12V 1.5A	12V 2.0A
24V – Energise to lock	R03	24V	10W	0.4A	24V 1.0A	24V 1.5A

SYSTEM	POWER CONSUMPTION	CURRENT DRAW	POWER CONSUMPTION PER SOLENOID
Slimline delayed egress	20W	1.67A	12V 3A (240V ac) power supply provided with lock
Slimline motorised	48W	2A	24V 2A (110V to 240V ac) power supply provided with lock

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 Slimline: EP2311/2115252, US8616591, GB2213884.6, US12559984, GB2213003.3, US12312838B2, GB2317140.8 & US18/938827. In accordance with our policy of continual development and improvement we reserve the right to make changes in design and specifications without notice.

High performance multi-point life safety panic and emergency exit bolting systems, automatically re-securing upon door closure, ensuring high level threat protection of forced entry, blast, ballistic and fire protection.

A choice of exit releases includes panic bar, push pad or lever handle emergency egress, meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Available for mortice, or surface mounted
- 2-point to 7-point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles

BENEFITS

- Automatic bolting upon door closure
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service

OPTIONAL ENHANCEMENTS

- Monitoring of bolt status
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- Selection of suitable keeps available
- Further enhancements are available

*Single-Point available



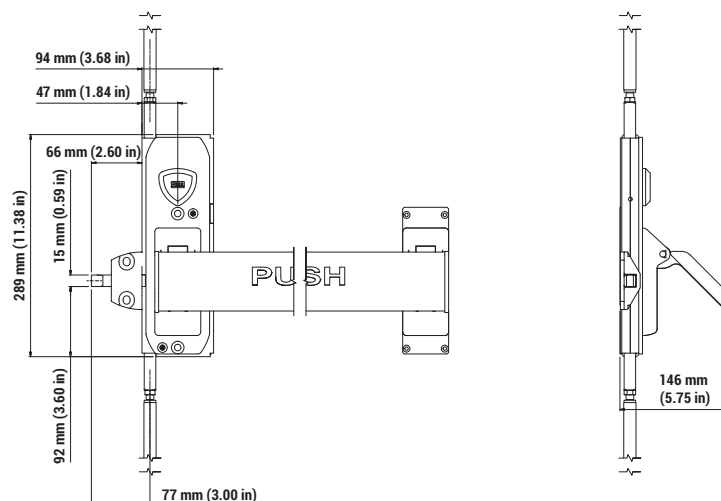
PRODUCT PERFORMANCE CHART

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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	A300E	B300E	C300E	D300E	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL	
15 MIN									240 SEC						RC5	BR5									
10 MIN	A10	B10	C10	D10	E10				180 SEC					15	RC4	BR4					EN 179	UL 752 Level 10	EN 1634-1	GR4	500K
5 MIN						F5	G5		120 SEC						RC3	BR3								GR3	
3 MIN									60 SEC					5	RC2	BR2					UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	BS 476-22	GR2
1 MIN									30 SEC						RC1	BR1						GR1			

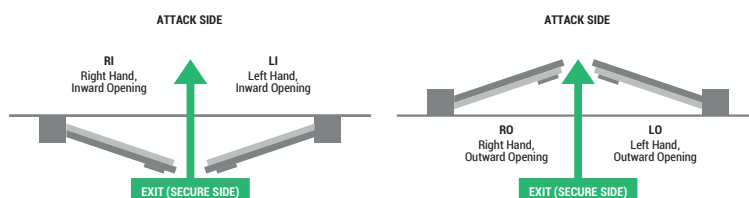
SLIMLINE PANIC AND EMERGENCY EXIT BOLTING TECHNICAL DRAWING



SELF CODING SYSTEM

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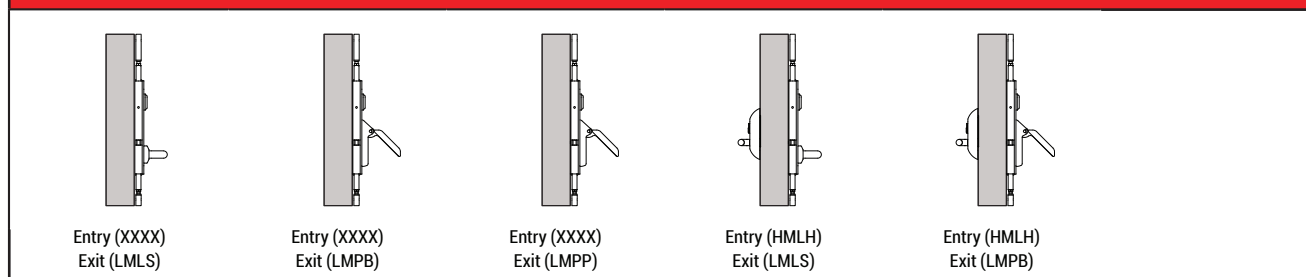
EXAMPLE ORDER CODE: SL3A-HMLH-AB-LMPB



PRODUCT			ENTRY			SECURING			EXIT		
RANGE		BOLTS	UNLOCKING			UPON DOOR CLOSURE			UNLOCKING		
SL	Surface	2-7	X	None		AB	Automatic bolting only		L	Single Handed / Panic and Emergency	
SM	Mortice	2-7	H	Lockable handle (Key / Padlock)					BOLT RETRACTION		
BOLT DIRECTION			L	Single Handed / Panic and Emergency					X	None	
A	Vertical bolts, Horizontal bolt		BOLT RETRACTION						M	Manual	
B-E	Other variants		X	None					OPERATOR		
			M	Manual					XX	None	
			OPERATOR						LS	Lever handle (Tubular straight)	
			XX	None					LE	Lever handle (Tubular ergonomic)	
			LH	Lockable handle					PB	Panic bar (Blade aluminium)	
						PP	Push pad				
						PS	Push pad (Stainless steel)				

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



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

Intellectual Property Rights

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High performance multi-point key deadlocking system, with automatic securing upon door closure, ensuring high level threat protection of forced entry, blast, ballistic and fire protection.

A choice of exit releases includes thumbturn, key, life safety panic bar, push pad or lever handle emergency egress through locked doors, meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Available for mortice, or surface mounted
- 2-point to 7-point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles
- To suit rim and 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 the greatest selection of operational functionality

OPTIONAL ENHANCEMENTS

- Monitoring of bolt & lock status
- Cylinder guard protection available from our tested and accredited range
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- Selection of suitable keeps available
- Further enhancements are available

*Single-Point available



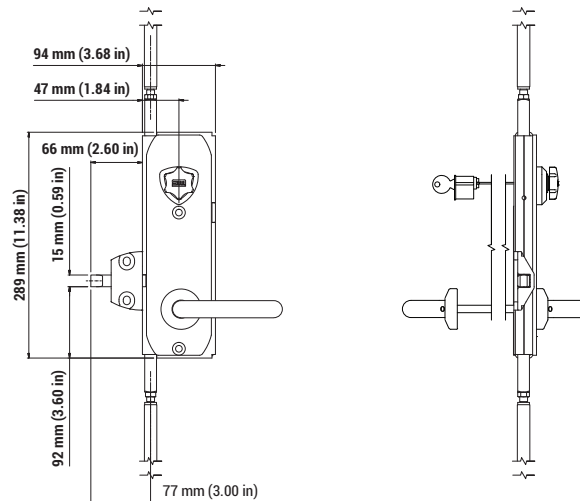
PRODUCT PERFORMANCE CHART

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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	EN 1522 FB7	ISO 16933 EXV 15	EN 10C	GR5	1 MIL
20 MIN	A20	B20	C20	D20	E20	F20	G20		300 SEC	A300E	B300E	C300E	D300E		RC5	BR5			EN 179	UL 752 Level 10	ASTM F2927 Cat 1	EN 1634-1	GR4	500K
15 MIN									240 SEC					15	RC4	BR4	SRA	UL 305	NIJ 0108.01 Level 1-4	BS 476-22	Certifire	GR3	200K	
10 MIN									180 SEC						RC3	BR3								GR2
5 MIN									120 SEC					5	RC2	BR2	UL 305	NIJ 0108.01 Level 1-4	BS 476-22	Certifire	GR3	200K		
3 MIN									60 SEC						RC1	BR1							GR2	GR1
1 MIN									30 SEC															

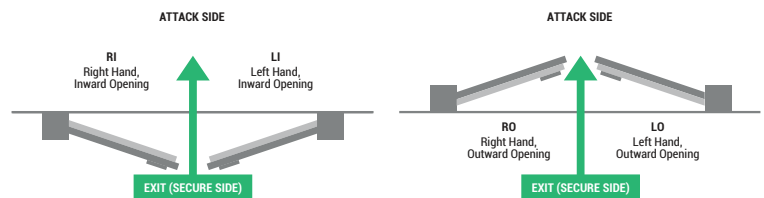
SLIMLINE KEY RELEASE LOCKING TECHNICAL DRAWING



SELF CODING SYSTEM

The Slimline (SL) and mortice version (SM) have 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.

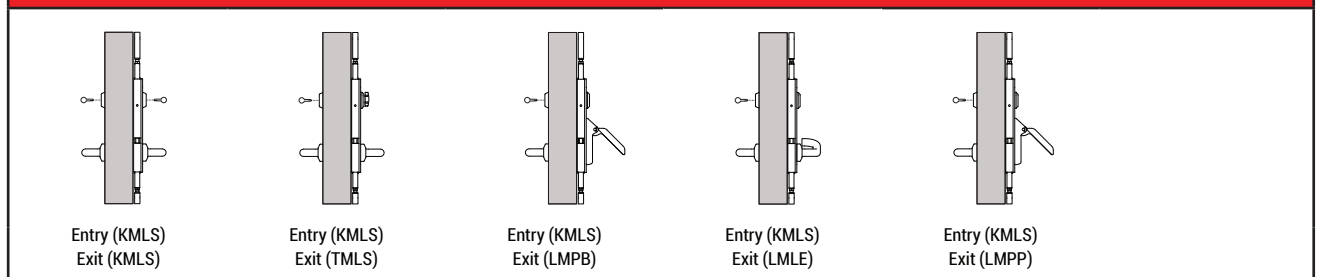
EXAMPLE ORDER CODE: SL3A-KMLS-AA-TMLS



PRODUCT			ENTRY		SECURING		EXIT	
RANGE		BOLTS	UNLOCKING		UPON DOOR CLOSURE		UNLOCKING	
SL	Surface	2-7	X	None	AA	Auto bolting / Auto deadlocking	K	Key
SM	Mortice	2-7	K	Key	AM	Auto bolting / Manual deadlocking	L	Single Handed / Panic and Emergency
BOLT DIRECTION		BOLT RETRACTION		MA	Manual bolting / Auto deadlocking	T	Thumbturn	
A	Vertical bolts, Horizontal bolt	X	None	MM	Manual bolting / Manual deadlocking	BOLT RETRACTION		
B-E	Other variants	M	Manual			X	None	
		OPERATOR				M	Manual	
		XX	None			OPERATOR		
		LS	Lever handle (Tubular straight)			LS	Lever handle (Tubular straight)	
						LE	Lever handle (Tubular ergonomic)	
						PB	Panic bar (Blade aluminium)	
						PE	Panic bar (Tubular st/st)	
				PP	Push pad			
				PS	Push pad (Stainless steel)			

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



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

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High performance multi-point access control deadlocking system, with automatic securing upon door closure, ensuring high level threat protection of forced entry, blast, ballistic and fire protection.

A choice of exit releases includes access control, thumbturn, key, life safety panic bar, push pad or lever handle emergency egress through locked doors, meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Available for mortice, or surface mounted
- 2-point to 7-point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles
- To suit rim and euro-profile cylinders (order cylinder separately)
- Bolt and deadlocking status monitoring built in, as standard
- 12V DC, as standard

BENEFITS

- Automatic securing upon door closure
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- Provides the greatest selection of operational functionality

OPTIONAL ENHANCEMENTS

- 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
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- Selection of suitable keeps available
- 24V DC fail secure, 12V DC or 24V DC fail safe
- Further enhancements are available

*Single-Point available

PRODUCT PERFORMANCE CHART

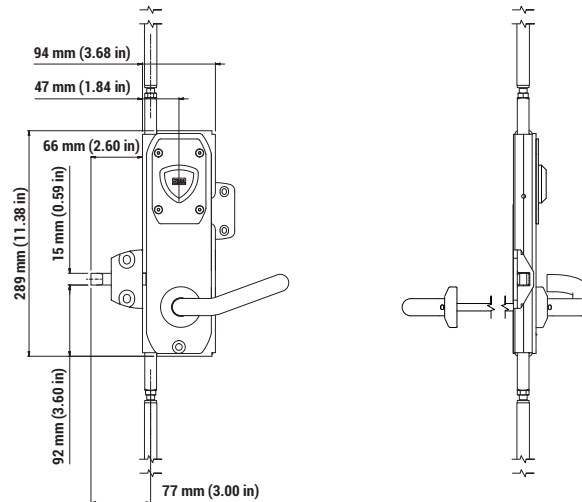
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Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 MIN	A20	B20	C20	D20	E20	F20	G20		300 SEC	A300E	B300E	C300E	D300E	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL
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1 MIN									30 SEC						RC1	BR1			UL 305	NIJ 0108.01 Level 1-4	BS 476-22	GR1		



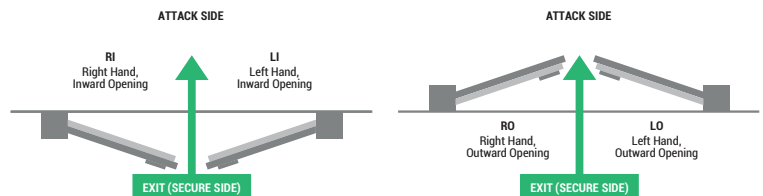
SLIMLINE ACCESS CONTROL SOLENOID TECHNICAL DRAWING



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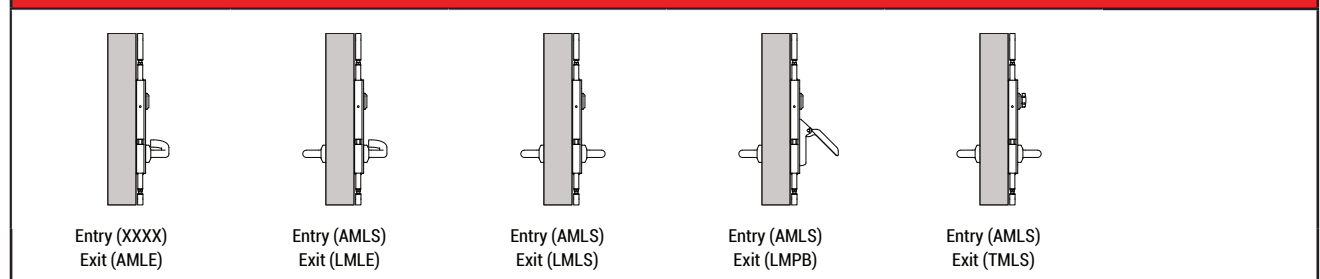
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RANGE		BOLTS	UNLOCKING			UPON DOOR CLOSURE		UNLOCKING		
SL	Surface	2-7	X	None		AA	Auto bolting / Auto deadlocking		A	Access control
SM	Mortice	2-7	A	Access control		MA	Manual bolting / Auto deadlocking		L	Single Handed / Panic and Emergency
BOLT DIRECTION		BOLT RETRACTION					T	Thumbturn		
A	Vertical bolts, Horizontal bolt	X	None				BOLT RETRACTION			
B-E	Other variants	M	Manual				M	Manual		
		OPERATOR		OPERATOR						
		XX	None				LS	Lever handle (Tubular straight)		
		LS	Lever handle (Tubular straight)				LE	Lever handle (Tubular ergonomic)		
				PB			Panic bar (Blade aluminium)			
				PP			Push pad			
				PE			Panic bar (Tubular st/st)			

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



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

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Motorised multi-point securing system to provide automatic remote door release, with automatic re-securement upon door closure, ensuring high level threat protection of forced entry, blast, ballistic and fire protection. Ability to integrate with access control systems and automatic door operators (ADO) to provide full doorset automation.

A choice of exit releases includes remote automation, life safety panic bar, push pad or lever handle emergency egress through locked doors, meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Available for mortice, or surface mounted
- 2-point to 7-point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles
- Bolt and deadlocking status monitoring built in, as standard
- Select Bolt Retraction Code 'P' to specify 'Hands-free Motorised Operation' feature
- 24V DC power supply

BENEFITS

- Remote or local hands-free operation on high-performance, heavy doors
- Automatic re-securement upon door closure
- Full door sequencing when fitted with an ADO
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- Provides the greatest selection of operational functionality

OPTIONAL ENHANCEMENTS

- 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
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- Selection of suitable keeps available

**Single-Point available*

PRODUCT PERFORMANCE CHART

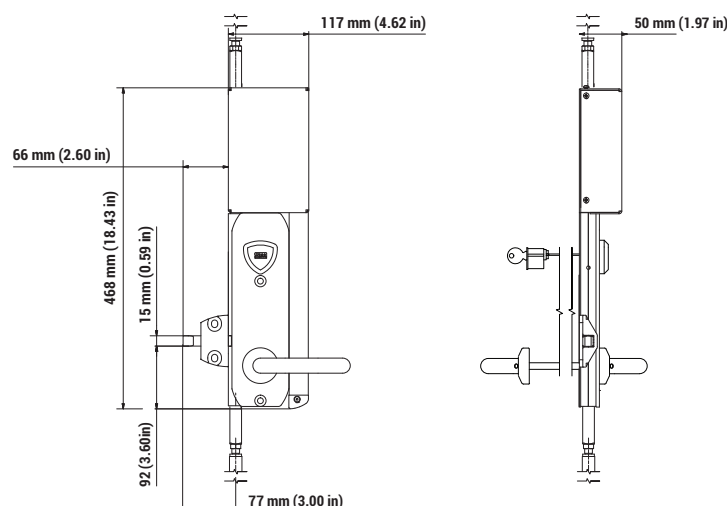
■ Indicates product has been certified, or tested & approved as part of a complete doorset assembly. Product certification is subject to the chosen lock configuration, for full details please contact the sales office.



LPS 1175								
Issue 7	SRI	SR2	SR3	SR4	SR5	SR6	SR7	SR8
Issue 8	A	B	C	D	E	F	G	H
20 MIN	A20	B20	C20	D20	E20	F20	G20	
15 MIN								
10 MIN								
5 MIN								
3 MIN								
1 MIN								



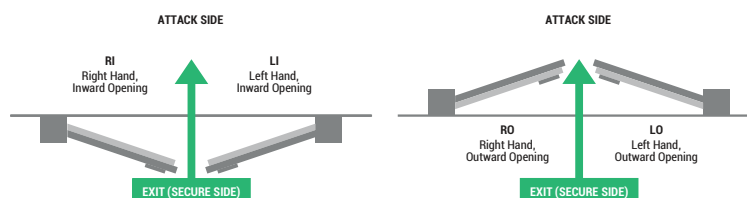
SLIMLINE HANDS-FREE MOTORISED OPERATION TECHNICAL DRAWING



SELF CODING SYSTEM

The Slimline (SL) and mortice version (SM) have 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.

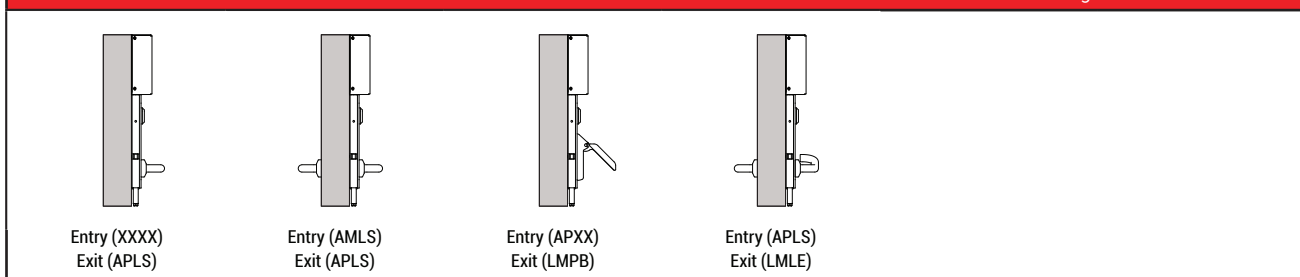
EXAMPLE ORDER CODE: SL3A-APLS-AA-APLS



PRODUCT			ENTRY			SECURING		EXIT			
RANGE		BOLTS	UNLOCKING			UPON DOOR CLOSURE		UNLOCKING			
SL	Surface	2-7	X	None			AA	Auto bolting / Auto deadlocking		A	Access control
SM	Mortice	2-7	A	Access control			AB	Auto bolting only		K	Key
BOLT DIRECTION			BOLT RETRACTION					L	Single Handed / Panic and Emergency		
A	Vertical bolts, Horizontal bolt		P	Powered (Electric)				T	Thumbturn		
B-E	Other variants		OPERATOR					BOLT RETRACTION			
			XX	None				M	Manual		
			LS	Lever handle (Tubular straight)				P	Powered (Electric)		
			LE	Lever handle (Tubular ergonomic)				OPERATOR			
					LS			Lever handle (Tubular straight)			
					LE			Lever handle (Tubular ergonomic)			
PB	Panic bar (Blade aluminium)										
		PE	Panic bar (Tubular st/st)								
		PP	Push pad								

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



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

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 Slimline: EP2311/2115252, US8616591, GB2213884.6, US12559984, GB2213003.3 & US12312838B2. In accordance with our policy of continual development and improvement we reserve the right to make changes in design and specifications without notice.

High performance multi-point key combination deadlocking system, with manual or automatic re-securement upon door closure, dependant on chosen lock functionality, ensuring high level threat protection of forced entry, blast, ballistic and fire protection. The combination lock footprint accommodates locks from all major manufacturers.

A choice of exit releases includes life-safety panic bar, push pad or lever handle emergency egress through locked doors, meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Surface mounting
- 2-point to 7-point bolting positions*
- 15 mm (5/8") bolts x 25 mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles
- To suit all major combination lock & key cylinder manufacturers (order separately)

BENEFITS

- Choice of mechanical or digital combination lock entry
- 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

OPTIONAL ENHANCEMENTS

- Monitoring of bolt status
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Daytime access control facility
- Choice of exit device operators
- Selection of suitable keeps available
- Further enhancements are available

*Single-Point available



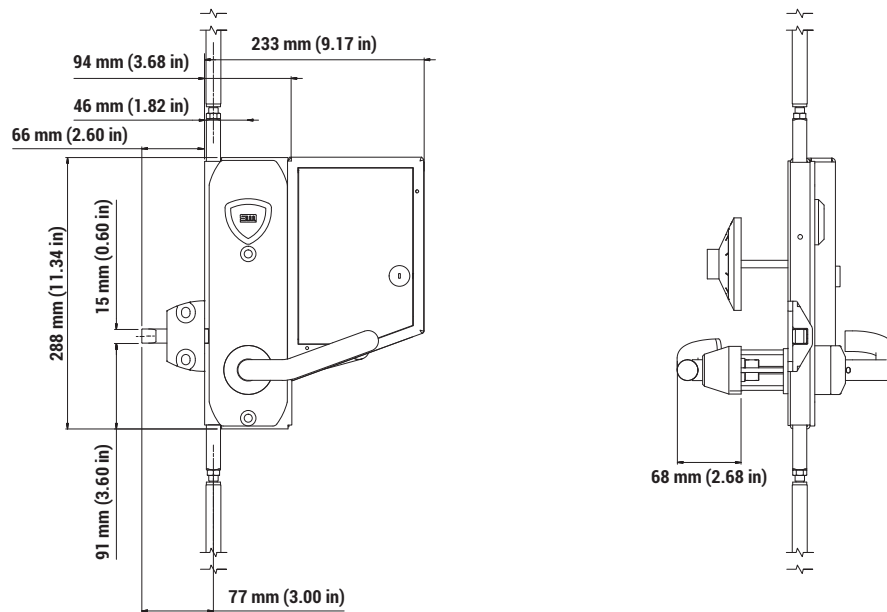
PRODUCT PERFORMANCE CHART

☐ 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	A20	B20	C20	D20	E20	F20	G20		300 SEC	A300E	B300E	C300E	D300E	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5			EN 179	UL 752 Level 10		EN 1634-1		
10 MIN									180 SEC					15	RC4	BR4		SRA	EN 305	UL 0108.01 Level 1-4	ASTM F2927 Cat 1	Certifire	GR3	500K
5 MIN									120 SEC						RC3	BR3						BS 476-22	GR2	
3 MIN									60 SEC					5	RC2	BR2		UL 305	UL 0108.01 Level 1-4	ASTM F2927 Cat 1	BS 476-22	GR1	200K	
1 MIN									30 SEC						RC1	BR1	GR1							

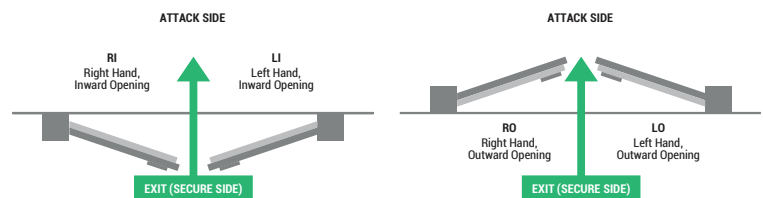
SLIMLINE COMBINATION LOCKING TECHNICAL DRAWING



SELF CODING SYSTEM

The Slimline (SL) has a simple ordering code that cover the chosen methods of number of bolts, bolt orientation, entry and securing, followed by the exit method. Additional enhancements can be added to further customise the device.

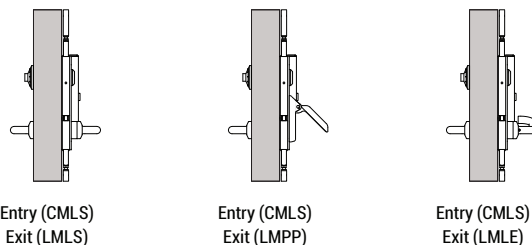
EXAMPLE ORDER CODE: SL3A-CMLE-AM-LMLE



PRODUCT			ENTRY			SECURING			EXIT		
RANGE		BOLTS	UNLOCKING			UPON DOOR CLOSURE			UNLOCKING		
SL	Surface	2-7	C	Combination		AM	Auto bolting / Manual deadlocking		L	Single Handed / Panic - Emergency	
BOLT DIRECTION			BOLT RETRACTION			MM	Manual bolting / Manual deadlocking		BOLT RETRACTION		
A	Vertical bolts, Horizontal bolt		M	Manual					M	Manual	
B-E	Other variants		OPERATOR						OPERATOR		
			LS	Lever handle (Tubular straight)					LE	Lever handle (Tubular ergonomic)	
			LE	Lever handle (Tubular ergonomic)					PP	Push pad	
						PS	Push pad (Stainless steel)				

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



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

Intellectual Property Rights

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High performance multi-point time-delayed panic exit bolting system, automatically re-securing upon door closure, ensuring high level threat protection of forced entry, blast, ballistic and fire protection. Typically used to protect where opportunist thieves 'run-out' through a panic escape door with stolen goods, or a holding facility where a response time is required.

Connection into the fire alarm system enables immediate escape in the case of alarm activation. Independently tested (unpowered) to BSEN 1125 panic egress. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Surface mounting
- 2-point to 7-point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles
- Options 'R11'(12V), or 'R12' (24V) to be specified to provide 'Delayed Egress Fail Safe' feature
- Alarm included in control unit, as standard

BENEFITS

- Auto-bolting upon door closure
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- Prevents runout theft
- Timer can be set to any duration

OPTIONAL ENHANCEMENTS

- Infinite 'iRestrained' restrains bolts throughout their opening travel
- Selection of suitable keeps available
- 12V DC or 24V DC fail safe
- Further enhancements are available

*Single-Point 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	A20	B20	C20	D20	E20	F20	G20		300 SEC	A300E	B300E	C300E	D300E	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL	
15 MIN									240 SEC						RC5	BR5			EN 179	UL 752 Level 10		EN 1634-1			GR4
10 MIN									180 SEC					15	RC4	BR4		SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	Certifire	GR3	500K	
5 MIN									120 SEC						RC3	BR3						GR2	200K		
3 MIN									60 SEC					5	RC2	BR2		UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	BS 476-22	GR1	200K		
1 MIN									30 SEC						RC1	BR1	GR1								

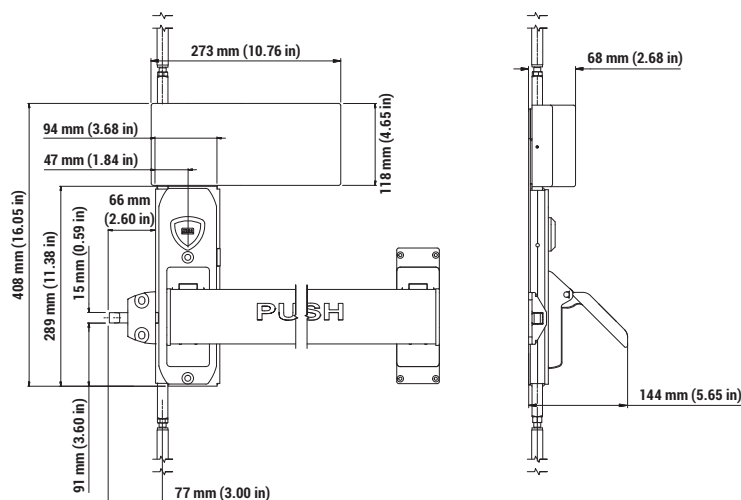
DELAYED EGRESS



OPEN



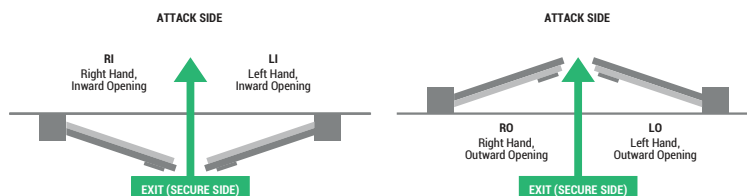
SLIMLINE DELAYED EGRESS TECHNICAL DRAWING



SELF CODING SYSTEM

The Slimline (SL) and mortice version (SM) have 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: SL3A-XXXX-AM-LMPB-R11



PRODUCT		ENTRY		SECURING		EXIT		ENHANCEMENTS	
RANGE	BOLTS	UNLOCKING		UPON DOOR CLOSURE		UNLOCKING		R11	Delayed egress 12 V fail safe
SL	Surface	2-7	X	None	AA	Auto bolting / Auto deadlocking		L	Single Handed / Panic and Emergency
SM	Mortice	2-7	BOLT RETRACTION		AM	Auto bolting / Manual deadlocking		BOLT RETRACTION	
BOLT DIRECTION		X	None	AB	Auto bolting only		X	None	
A	Vertical bolts, Horizontal bolt	BOLT RETRACTION		MA	Manual bolting / Auto deadlocking		M	Manual	
B-E	Other variants	X	None	MM	Manual bolting / Manual deadlocking		OPERATOR		
				MB	Manual bolting only		XX	None	
						PB	Panic bar (Blade aluminium)		
						PE	Panic bar (Tubular st/st)		
						PP	Push pad		
						PS	Push pad (Stainless steel)		

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



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

Intellectual Property Rights

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High performance multi-point access control deadlocking system, with automatic re-securement upon door closure, ensuring high level threat protection of forced entry, blast, ballistic and fire protection. A second lower position deadlock provides out-of-hours key lock down, preventing the normal daytime access control method of entry.

A choice of exit releases includes access control, thumbturn, key, or life safety panic bar, push pad or lever handle emergency egress. Meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Available for mortice, or surface mounted
- 2-point to 7-point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles
- Bolt and deadlocking status monitoring built in, as standard
- Select Twin Locking Code 'TKM(x)' to specify 'Out-of-Hours' feature
- 12V DC, as standard

BENEFITS

- Automatic re-securement upon door closure
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- 'Out of Hours' key lockdown, restricting unauthorised access control entry

OPTIONAL ENHANCEMENTS

- Request to Exit (REX)
- Cylinder guard protection available from our tested and accredited range
- Breakdome over thumbturn and lever handle to control exit
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- Selection of suitable keeps available
- 24V DC fail secure, 12V DC or 24V DC fail safe

*Single-Point available



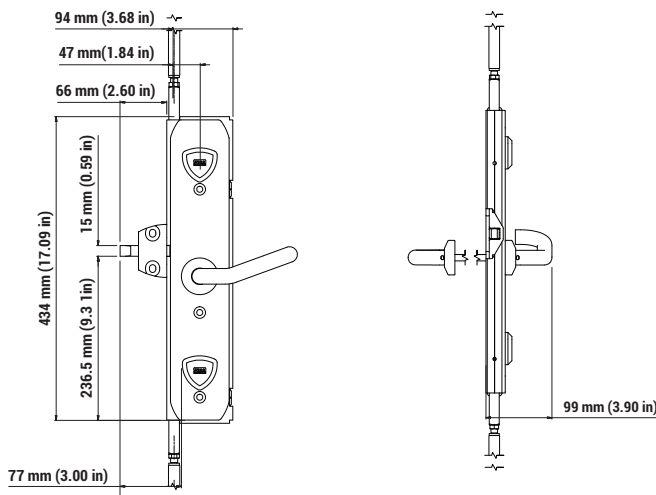
PRODUCT PERFORMANCE CHART

■ 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	A20	B20	C20	D20	E20	F20	G20		300 SEC	A300E	B300E	C300E	D300E	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL	
15 MIN									240 SEC						RC5	BR5			EN 179	UL 752 Level 10		EN 1634-1	GR4	500K	
10 MIN									180 SEC					15	RC4	BR4			UL 305	NIJ 0108.01 Level 1-4		ASTM F2927 Cat 1	Certifire		GR3
5 MIN									120 SEC						RC3	BR3			BS 476-22	GR2					
3 MIN									60 SEC					5	RC2	BR2			GR1						
1 MIN									30 SEC						RC1	BR1									

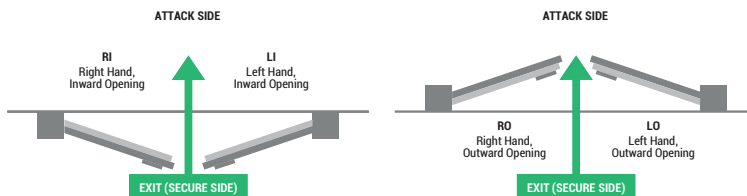
SLIMLINE OUT-OF-HOURS CONTROLLED TECHNICAL DRAWING



SELF CODING SYSTEM

The Slimline (SL) and mortice version (SM) have 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.

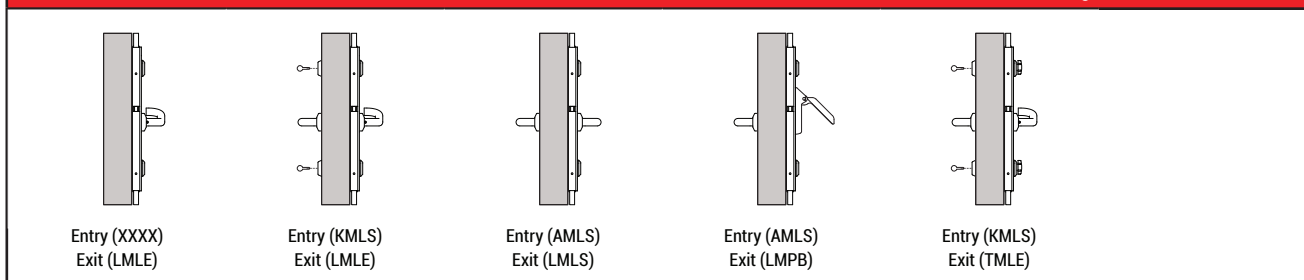
EXAMPLE ORDER CODE: SL3A-AMLS-AA-LMPB/TKML



PRODUCT			ENTRY		SECURING		EXIT		
RANGE		BOLTS	UNLOCKING		UPON DOOR CLOSURE		UNLOCKING		
SL	Surface	2-7	K	Key	AA	Auto bolting / Auto deadlocking	A	Access control	
SM	Mortice	2-7	A	Access control	MA	Manual bolting / Auto deadlocking	K	Key	
BOLT DIRECTION		BOLT RETRACTION				L	Single Handed / Panic and Emergency		
A	Vertical bolts, Horizontal bolt		M			Manual	T	Thumbturn	
B-E	Other variants		OPERATOR			BOLT RETRACTION			
		XX	None			X	None		
		LS	Lever handle (Tubular straight)			M	Manual		
						OPERATOR			
						XX	None		
						LS	Lever handle (Tubular straight)		
						LE	Lever handle (Tubular ergonomic)		
						PB	Panic bar (Blade aluminium)		
						PP	Push pad		

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



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

Intellectual Property Rights

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High performance multi-point access control deadlocking system, on entry and exit, with automatic securing upon door closure, ensuring high level threat protection of forced entry, blast, ballistic and fire protection.

In the event of power failure, the external (attack) side will remain secure requiring key entry, whilst internal operation will be fail-safe emergency exit. Meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Available for mortice, or surface mounted
- 2-point to 7-point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles
- To suit rim and profile cylinders (order cylinder separately)
- Bolt and deadlocking status monitoring built in, as standard
- Select enhancement code 'R09' to specify 'Safe & Secure' feature
- 12V DC as standard (24V optional)

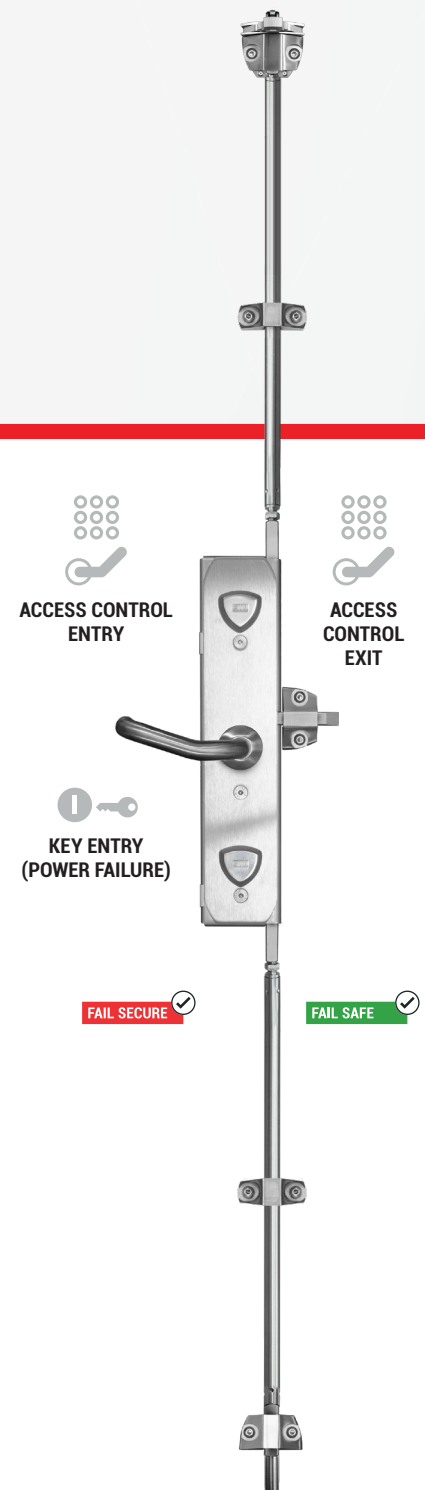
BENEFITS

- Automatic securing upon door closure
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- Provides two-way audit control

OPTIONAL ENHANCEMENTS

- Cylinder guard protection available from our tested and accredited range
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- Selection of suitable keeps available
- Further enhancements are available

*Single-Point available



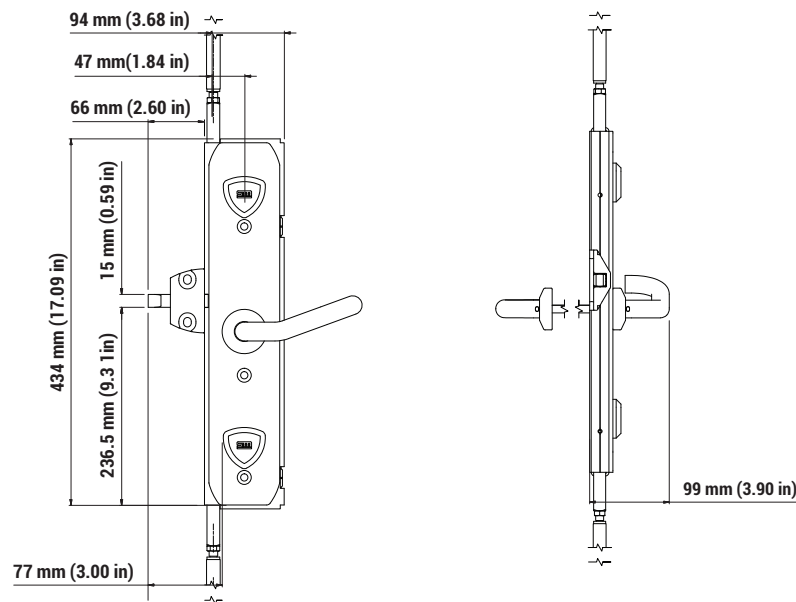
PRODUCT PERFORMANCE CHART

■ 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	A20	B20	C20	D20	E20	F20	G20		300 SEC	A300E	B300E	C300E	D300E	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL	
15 MIN									240 SEC						RC5	BR5			EN 179	UL 752 Level 10		EN 1634-1			GR4
10 MIN									180 SEC					15	RC4	BR4			UL 305	NIJ 0108.01 Level 1-4		ASTM F2927 Cat 1	Certifire		GR3
5 MIN									120 SEC						RC3	BR3			BS 476-22	BS 476-22	GR2	200K			
3 MIN									60 SEC					5	RC2	BR2								GR1	
1 MIN									30 SEC							RC1	BR1								

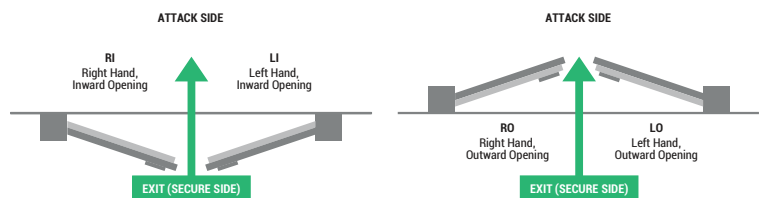
SLIMLINE FAIL SAFE & SECURE TECHNICAL DRAWING



SELF CODING SYSTEM

The Slimline (SL) and mortice version (SM) have 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.

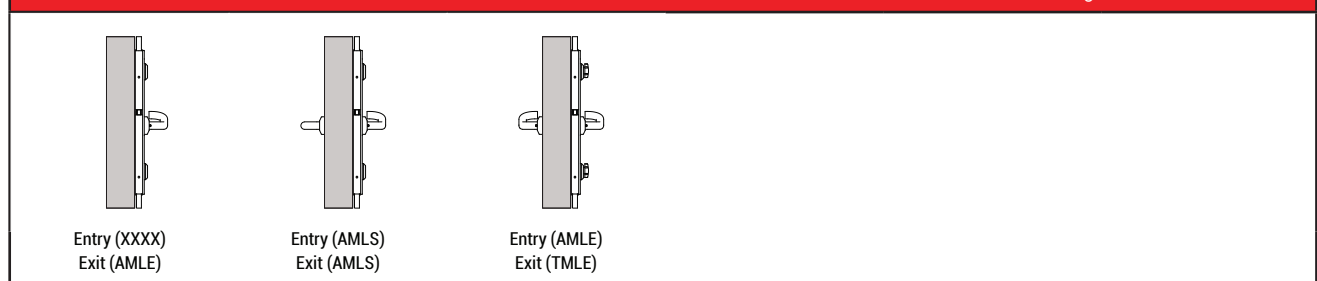
EXAMPLE ORDER CODE: SL3A-AMLS-AA-LMPB



PRODUCT			ENTRY			SECURING			EXIT		ENHANCEMENTS		
RANGE		BOLTS	UNLOCKING			UPON DOOR CLOSURE			UNLOCKING		R09	'Safe & Secure	
SL	Surface	2-7	A	Access control			AA	Auto bolting / Auto deadlocking		A	Access control		
SM	Mortice	2-7	BOLT RETRACTION			MA	Manual bolting / Auto deadlocking		BOLT RETRACTION				
BOLT DIRECTION			M	Manual						M			Manual
A	Vertical bolts, Horizontal bolt		OPERATOR						OPERATOR				
B-E	Other variants		XX	None						LE			Lever handle (Tubular ergonomic)
			LS	Lever handle (Tubular straight)									

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



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

Intellectual Property Rights

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High performance multi-point double key deadlocking system, typically used in situations where it is essential for two person authorisation for security, or health and safety procedures. Automatic securing upon door closure, ensuring high level threat protection of forced entry, blast, ballistic and fire protection

A choice of exit releases includes thumbturn, key, life safety panic bar, push pad or lever handle emergency egress through locked doors, meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Available for mortice, or surface mounted
- 2-point to 7-point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles
- To suit rim and euro-profile cylinders (order cylinder separately)
- Select Twin Locking Code 'TKA(x)' to specify 'Twin Key Lock' feature

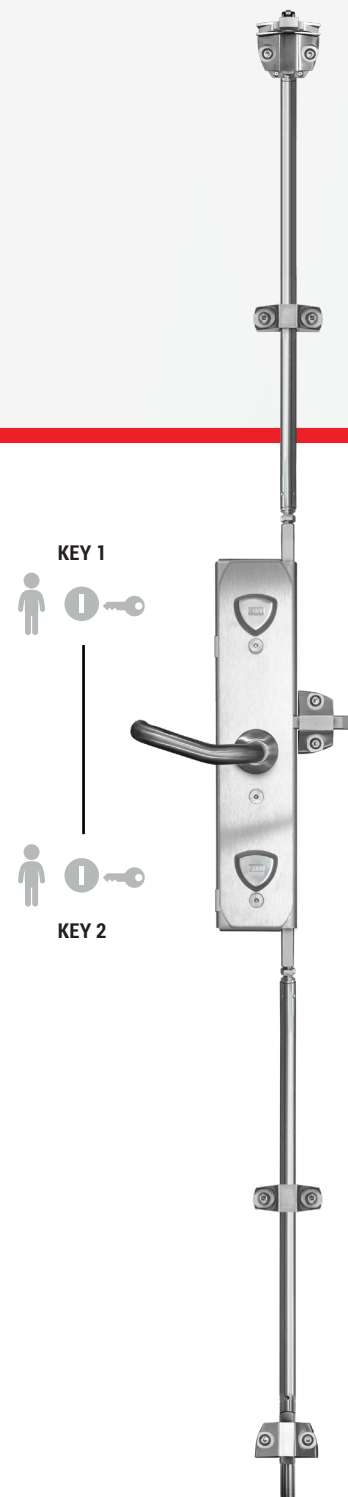
BENEFITS

- Automatic securing upon door closure
- 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
- Requires two-person entry authorisation

OPTIONAL ENHANCEMENTS

- Monitoring of bolt & lock status
- Cylinder guard protection available from our tested and accredited range
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- Selection of suitable keeps available
- Further enhancements are available

*Single-Point available



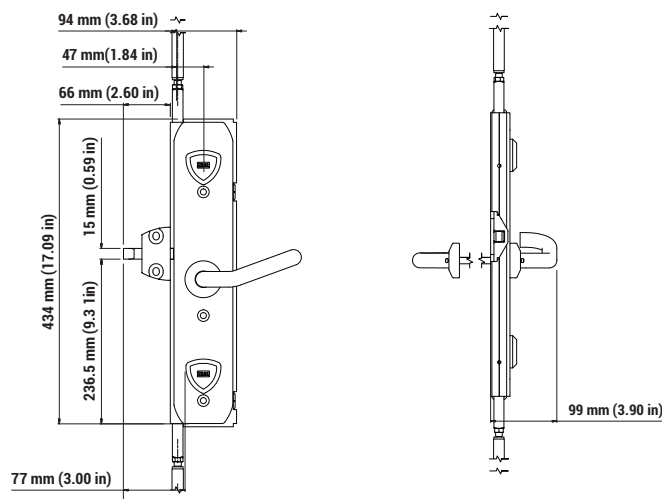
PRODUCT PERFORMANCE CHART

■ 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	A20	B20	C20	D20	E20	F20	G20		300 SEC	A300E	B300E	C300E	D300E	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	EN 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5			EN 179	UL 752 Level 10				
10 MIN									180 SEC					15	RC4	BR4		SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	Certifire	GR3	200K
5 MIN									120 SEC						RC3	BR3								
3 MIN									60 SEC					5	RC2	BR2								
1 MIN									30 SEC						RC1	BR1								

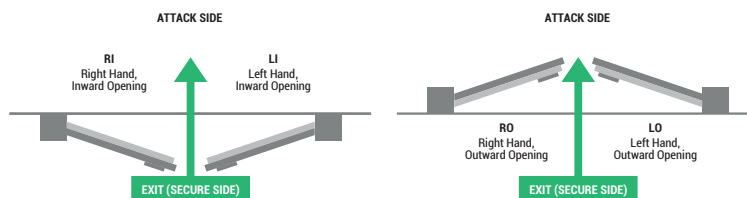
SLIMLINE TWIN KEY LOCK TECHNICAL DRAWING



SELF CODING SYSTEM

The Slimline (SL) and mortice version (SM) have 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.

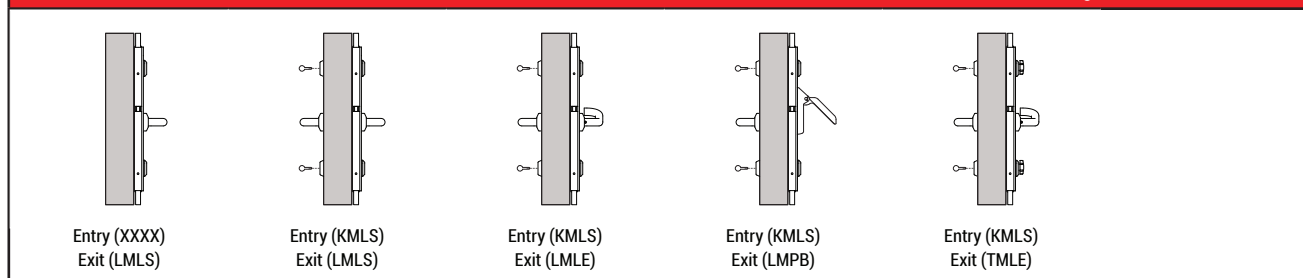
EXAMPLE ORDER CODE: SL3A-KMLS-AA-LMPB/LO/TKAL



PRODUCT			ENTRY			SECURING		EXIT			
RANGE		BOLTS	UNLOCKING			UPON DOOR CLOSURE		UNLOCKING			
SL	Surface	2-7	X	None			AA	Auto bolting / Auto deadlocking			
SM	Mortice	2-7	K	Key			AM	Auto bolting / Manual deadlocking			
BOLT DIRECTION			BOLT RETRACTION			MA	Manual bolting / Auto deadlocking		T	Thumbturn	
A	Vertical bolts, Horizontal bolt		X	None			MM	Manual bolting / Manual deadlocking		BOLT RETRACTION	
B-E	Other variants		M	Manual					X	None	
			OPERATOR			M			Manual		
			XX			None					
			LS			Lever handle (Tubular straight)					
						LS			Lever handle (Tubular straight)		
						LE	Lever handle (Tubular ergonomic)				
						PB	Panic bar (Blade aluminium)				
						PE	Panic bar (Tubular st/st)				
						PP	Push pad				
						PS	Push pad (Stainless steel)				

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



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

Intellectual Property Rights

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High performance multi-point life safety panic exit system from both sides of a door, automatically re-securing upon door closure. The system secures with a singular vertical bolt at the top and bottom of the door.

A choice of exit releases includes panic bar, push pad or lever handle emergency egress, meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Panic bar release on both sides of the door
- Surface mounting
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- 2-point bolting positions
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles

BENEFITS

- Dual directional life safety panic escape
- Auto-bolting upon door closure
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service

OPTIONAL ENHANCEMENTS

- Monitoring of bolt status
- Selection of bi-directional keeps available
- Further enhancements are available



INTERNAL VIEW



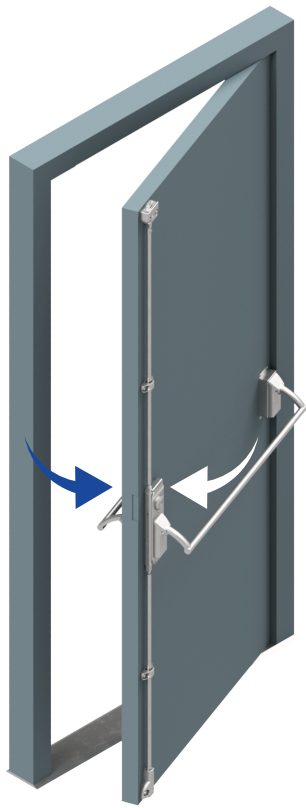
EXTERNAL VIEW

PRODUCT PERFORMANCE CHART

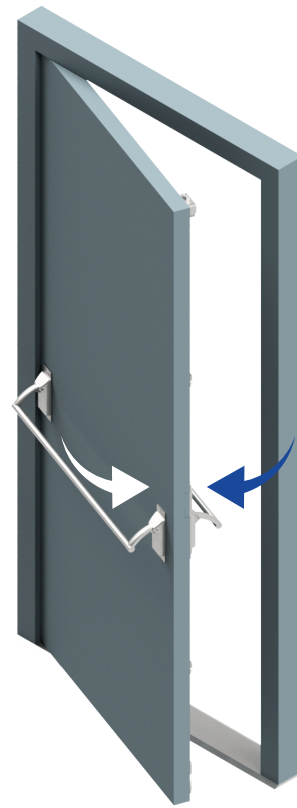
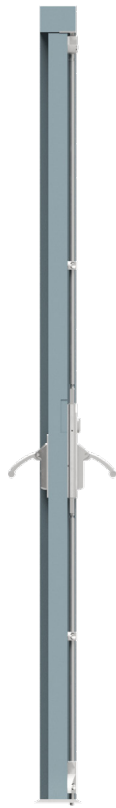
☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly. Product certification is subject to the chosen lock configuration, for full details please contact the sales office.



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	EN 1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5			EN 179	UL 752 Level 1-10	ASTM F2927 Cat 1	EN 1634-1	GR4	
10 MIN									180 SEC					15	RC4	BR4			UL 305	NIJ 0108.01 Level 1-4			Certifire	GR3
5 MIN									120 SEC						RC3	BR3	SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	BS 476-22	GR2		
3 MIN									60 SEC					5	RC2	BR2						GR1	200K	
1 MIN									30 SEC						RC1	BR1								



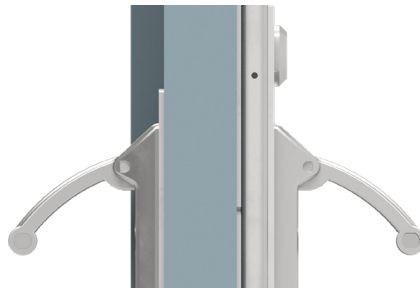
OPENING INWARD



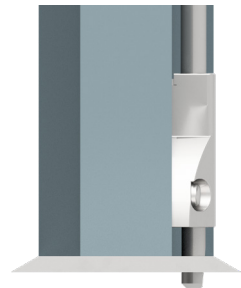
OPENING OUTWARD



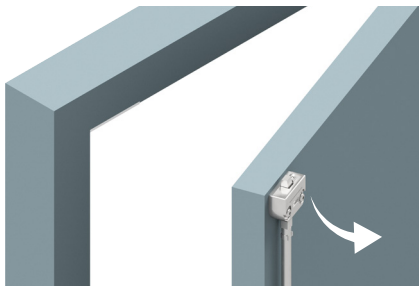
IRESTRAINT TOP



CENTER MODULE
(TUBULAR BAR FOR ESCAPE BOTH SIDES)



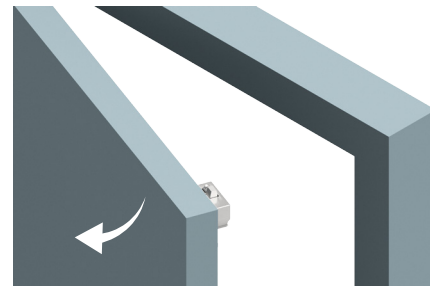
BOTTOM BOLT ARRANGEMENT



IRESTRAINT (OPENING INWARD)



IRESTRAINT (CLOSED)



IRESTRAINT (OPENING OUTWARD)

Intellectual Property Rights

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The Surelock McGill Slimline can be mortice fitted inside the cavity of any hollow metal or timber door. This is a discrete mounting method to provide multi-point locking security whilst concealing the inner components and fixings of the device.

The modular design of the system functions the same as the surface mounted version offering almost all of the same entry/exit, operational and enhancement options.

FEATURES

- Automatic deadlocking upon door closure. Manual deadlocking function available via key or thumbturn
- Proven rack & pinion driven
- 2-point to 7-point bolting positions*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Tested to over 1,000,000 cycles
- To suit rim or Euro-profile cylinders (can be supplied with or without cylinder)
- Infinite 'iRestraint' restrains bolts throughout their opening travel supplied as standard

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 the greatest selection of operational functionality

OPTIONAL ENHANCEMENTS

- Remote monitoring of bolt & lock status (comes standard on any access control systems)
- Cylinder guard protection available from our tested and accredited range
- Choice of exit device operators
- Selection of suitable keeps available
- Further enhancements are available

*Single-Point available



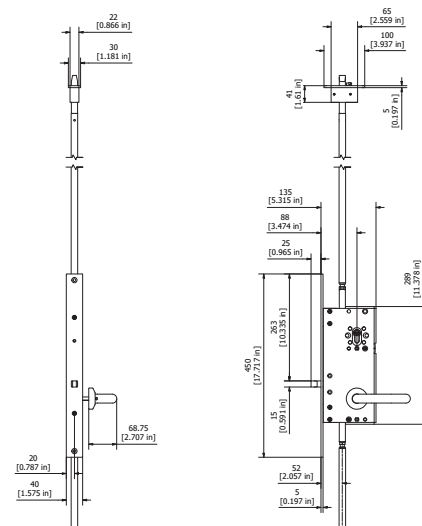
PRODUCT PERFORMANCE CHART

☐ 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	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL		
20 MIN									300 SEC	A300E	B300E	C300E	D300E		15 MIN											
									240 SEC					10 MIN	A10	B10			C10	D10						
									180 SEC					5 MIN												
									120 SEC					3 MIN												
									60 SEC					1 MIN												
									30 SEC						RC1	BR1		SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	Certifire	BS 476-22	GR1	200K	

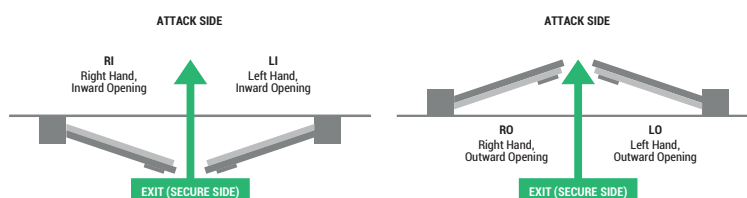
SLIMLINE MORTICE FITTED LOCKING TECHNICAL DRAWING



SELF CODING SYSTEM

The Slimline mortice version (SM) has a simple ordering code that cover the chosen methods of entry and exit, followed by the mounting and orientation codes. Additional enhancements can be added to further customise the device.

EXAMPLE ORDER CODE: SM3A-KMLS-AA-TMLS



PRODUCT			ENTRY		SECURING		EXIT	
RANGE		BOLTS	UNLOCKING		UPON DOOR CLOSURE		UNLOCKING	
SM	Mortice Fitted	2-7	X	None	AA	Auto bolting / Auto deadlocking	K	Key & Lever
			K	Key & Lever	AM	Auto bolting / Manual deadlocking	L	Single Handed / Panic - Emergency
BOLT DIRECTION			A	Access Control	MA	Manual bolting / Auto deadlocking	T	Thumbturn
A	Vertical bolts, Horizontal bolt		L	Single Handed / Panic - Emergency	MM	Manual bolting / Manual deadlocking	A	Access Control
B-E	Other variants		BOLT RETRACTION		AB	Auto Bolting	BOLT RETRACTION	
			X	None	MB	Manual Bolting	X	None
			M	Manual			M	Manual
			OPERATOR				OPERATOR	
			XX	None			LS	Lever handle (Tubular straight)
			LS	Lever handle (Tubular straight)			LE	Lever handle (Tubular ergonomic)
							PB	Panic bar (Blade aluminium)
							PE	Panic bar (Tubular st/st)
							PP	Push pad
					PS	Push pad (Stainless steel)		

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference

Entry (XXXX) Exit (LMLE)	Entry (LMLS) Exit (LMLE)	Entry (LMAL) Exit (LMPB)	Entry (KMLS) Exit (LMPE)	Entry (KMLS) Exit (LMLS)	Entry (KMLS) Exit (TMLS)

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

Intellectual Property Rights

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High performance multi-point life safety panic and emergency exit bolting systems, automatically re-securing upon door closure, ensuring high level threat protection of forced entry, blast, ballistic and fire protection. The system secures with a vertical bolt at the top and bottom of the door.

Choice of active leaf entry includes key, access control, combination deadlocking, or motorised remote release. Meeting a wide range of international accreditations. Manufactured in 316 stainless steel for hostile environments and durability.

FEATURES

- Surface mounting
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Cycle tested to over 1,000,000 cycles

BENEFITS

- Automatic securing upon door closure
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service

OPTIONAL ENHANCEMENTS

- Monitoring of bolt status
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- Selection of suitable keeps available
- 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	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5			EN 179	UL 752 Level 10		EN 1634-1		
10 MIN	A10	B10	C10	D10					180 SEC					15	RC4	BR4		SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	Certifire	BS 476-22	
5 MIN									120 SEC						RC3	BR3	GR2							
3 MIN									60 SEC					5	RC2	BR2	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	Certifire	BS 476-22	GR2	200K	
1 MIN									30 SEC						RC1	BR1								GR1

**EXAMPLE PRODUCT CODES**

Active leaf (Right side):
SL3C-XXXX-AB-LMPB-XX-A07Y01

Passive leaf (Left side):
SL2A-XXXX-AB-LMPB-XX-A07

Intellectual Property Rights

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There are three basic tiers of blast protection offered by the Slimline range. Each level has been tested on selected doors to at least 100kg of TNT at selected distances in line with ISO 16933:2007 to provide the following calculated blast protection levels.

SYSTEM	MAXIMUM LOAD CAPACITY PER SHOOTBOLT (Including 20% safety factor)					
	Category 1 Limit		Category 2 Limit		Category 3 Limit	
Slimline (Standard)	12.4KN	2788lbF	20.8KN	4676lbF	24.4KN	5485lbF
Slimline D15	20.8KN	4676lbF	24.9KN	5598lbF	35.3KN	7935lbF
Slimline D25	97.9KN	22008lbF	122.6KN	27560lbF	236KN	53053lbF

SLIMLINE STANDARD BLAST LEVEL

LOCKING SYSTEM	PEAK PRESSURE (CATEGORY 3 RESPONSE)	
	kPa	PSI
3-Point Outward Opening	70	10.1
5-Point Outward Opening	114	16.5
3-Point Inward Opening	42	6
5-Point Inward Opening	68	9.8

SLIMLINE ENHANCED BLAST LEVEL (OPTION D15)

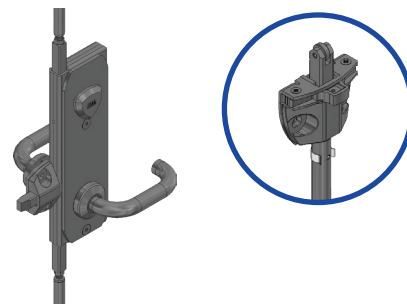
LOCKING SYSTEM	PEAK PRESSURE (CATEGORY 3 RESPONSE)	
	kPa	PSI
3-Point Outward Opening	102	14.7
5-Point Outward Opening	166	24
3-Point Inward Opening	61	8.8
5-Point Inward Opening	99	14.3

SLIMLINE HIGH BLAST LEVEL (OPTION D25)

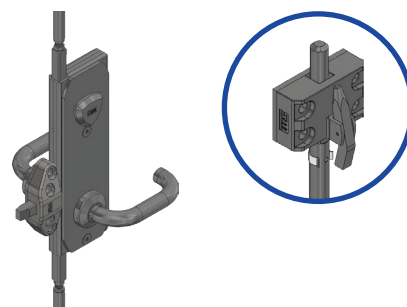
LOCKING SYSTEM	PEAK PRESSURE (CATEGORY 3 RESPONSE)	
	kPa	PSI
3-Point Outward Opening	681	98.7
5-Point Outward Opening	1108	160.7
3-Point Inward Opening	408	59.1
5-Point Inward Opening	664	96.3

* Peak pressure values are a guide based on static load calculations on a specific door construction. Calculations should be done for individual door sizes and constructions.

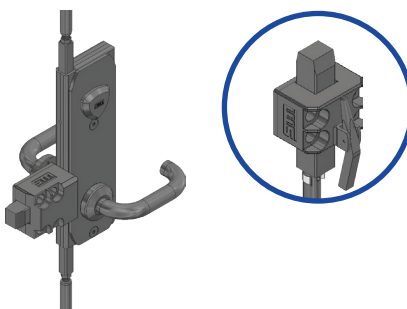
STANDARD



ENHANCED BLAST LEVEL (D15)



HIGH BLAST LEVEL (D25)



3-POINT SLIMLINE SYSTEMS (CODE SL3A PLUS ENHANCEMENT CODE)



STANDARD BLAST SYSTEM
CODE: SL3A



ENHANCED BLAST SYSTEM
CODE: SL3A (WITH OPTION D15)



HIGH BLAST SYSTEM
CODE: SL3A (WITH OPTION D25)

5-POINT SLIMLINE SYSTEMS (CODE SL5A PLUS ENHANCEMENT CODE)



STANDARD BLAST SYSTEM
CODE: SL5A



ENHANCED BLAST SYSTEM
CODE: SL5A (WITH OPTION D15)



HIGH BLAST SYSTEM
CODE: SL5A (WITH OPTION D25)

Restraints provide the ability to retain the sprung bolts after being retracted. The restraint is then tripped by the receiving keep once the door is closed, providing an auto-bolting feature enabling the bolts to resecure into their respective keeps.

Over the years restraints have continually evolved to improve door operational and performance criteria. The need to hold the multiple bolts in any position during their retraction travel and without need for adjustment. The ultimate being the infinite iRestraint, which has been designed specifically to do this and enable the Slimline range to include it within its list of available enhancements.

INFINITE 'IRESTRAINT'

A restraint which automatically retains the sprung bolts at any point during their retraction. No bolt adjustment required and not reliant on bolts being fully retracted before the door opens.

The iRestraint roller snib is triggered as the door reaches its closed position, automatically firing and re-engaging the bolts into their keep/strike.

Option Codes:

A07 – Infinite 'iRestraint' for vertical bolts

A08 – Infinite 'iRestraint' for horizontal bolts

'BI-DIRECTIONAL' RESTRAINT

Designed for both inward & outward opening doors, the 'Bi-directional' restraint currently comes as standard with sprung Slimline systems. Correctly adjusted the restraint engages automatically as the bolts are fully retracted and the door is opened.

The restraint is triggered as the door reaches its closed position, automatically firing and re-engaging the bolts into their keep/strike.

TRADITIONAL 'TRIGGER' AND 25MM BOLT RESTRAINT

Designed for the original 'Traditional' range of Surelock McGill multiple-bolting systems when fitted to outward opening doors, with the trigger engaging into the bolt when fully retracted, preventing bolt slippage. The Traditional Trigger restraint continues as an option within the Slimline range as a simple cost-effective restraint and is provided as standard with the larger 25mm (1") blast bolt option 'D25'.

Option Codes:

'A05' – 'Traditional' restraint for vertical bolt

INFINITE IRESTRAINT
(VERTICAL BOLT POSITION)



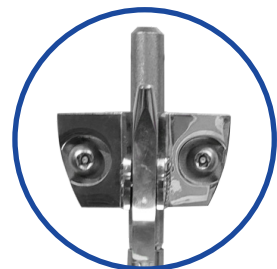
INFINITE IRESTRAINT
(HORIZONTAL BOLT POSITION)



BI-DIRECTIONAL RESTRAINT

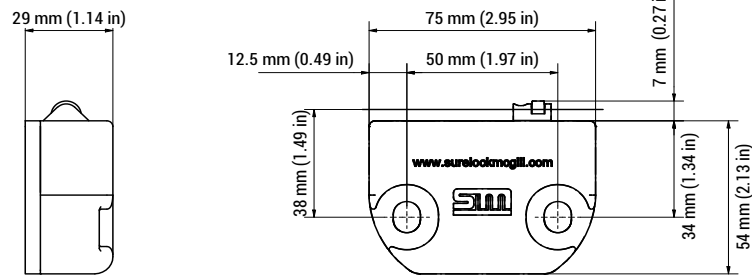


TRADITIONAL 'TRIGGER' RESTRAINT

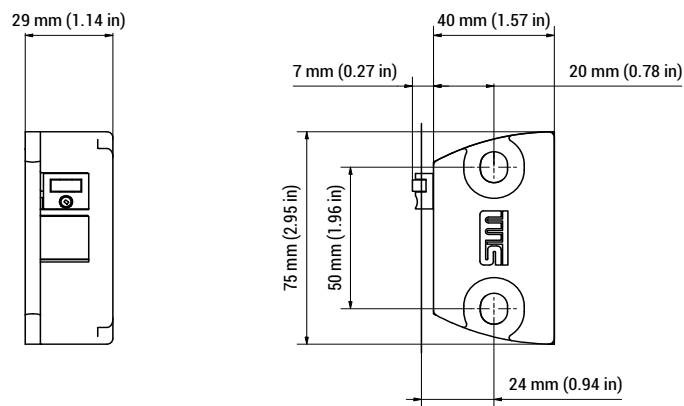


RESTRAINT TECHNICAL DRAWINGS

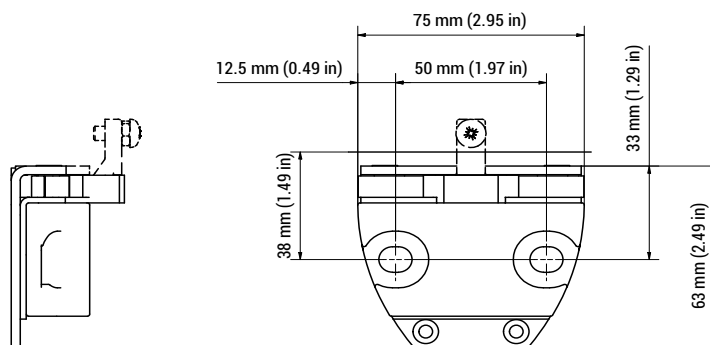
INFINITE RESTRAINT (VERTICAL BOLT POSITION)



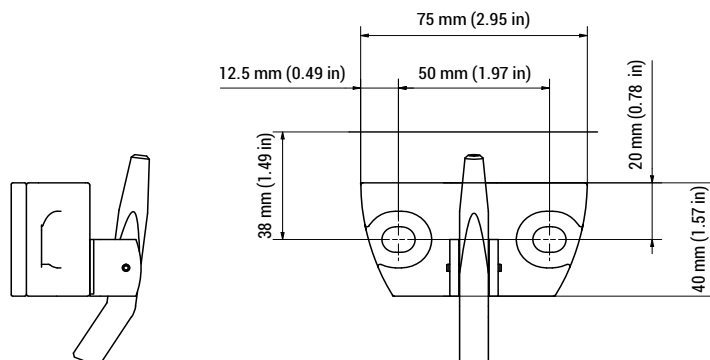
INFINITE RESTRAINT (HORIZONTAL BOLT POSITION)



BI-DIRECTIONAL RESTRAINT



TRADITIONAL 'TRIGGER' RESTRAINT



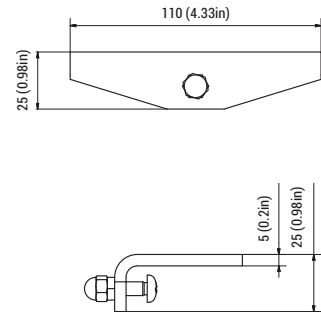
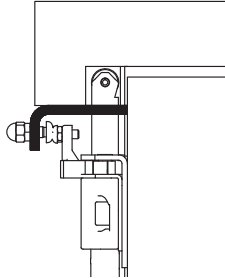
Intellectual Property Rights

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SLIMLINE TOP KEEPS

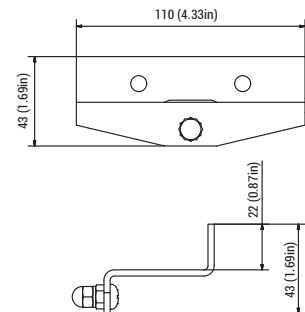
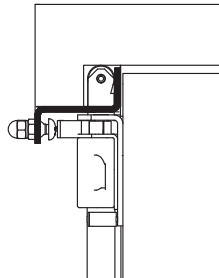
EXAMPLE CODE: KSL-OS-00

Stainless steel keep & restraint strike to suit outward opening doors in a steel or timber frame.



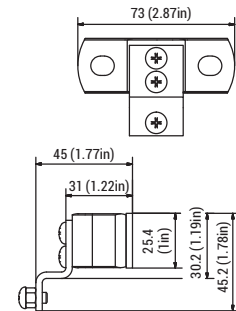
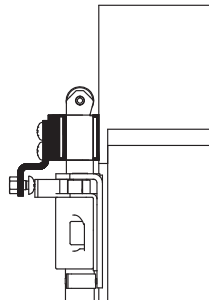
EXAMPLE CODE: KSL-OT-01

Stainless steel keep & restraint strike to suit outward opening doors in a timber frame.



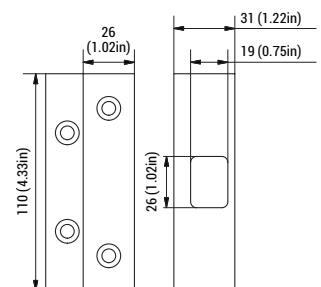
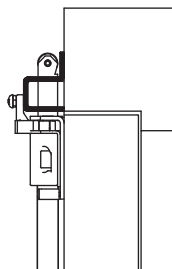
EXAMPLE CODE: KSL-OS-02

Stainless steel keep & restraint strike to suit outward opening doors in a narrow section steel frame.



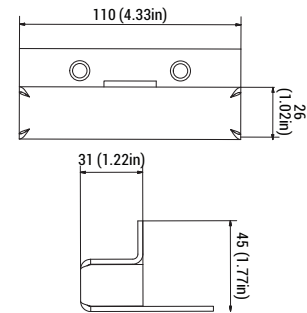
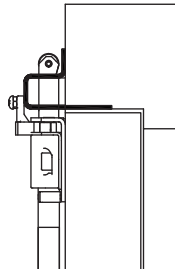
EXAMPLE CODE: KSL-IS-00

Stainless steel keep to suit inward opening doors in a steel frame.



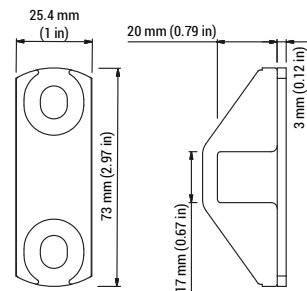
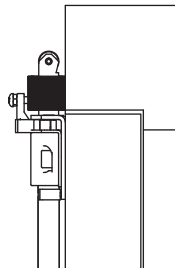
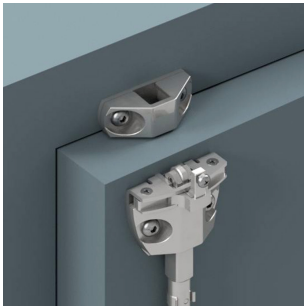
EXAMPLE CODE: KSL-IT-00

Stainless steel keep to suit inward opening doors in a timber frame.



EXAMPLE CODE: KSL-BS-00

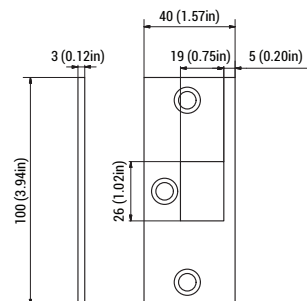
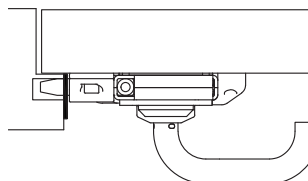
Stainless steel keep to suit inward opening doors in a narrow section steel frame.



SLIMLINE CENTER KEEPS

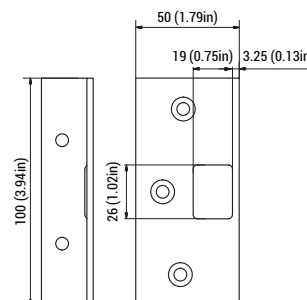
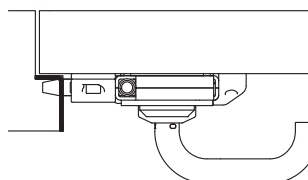
EXAMPLE CODE: KSL-OS-01

Stainless steel keep to suit outward opening doors in a steel frame.



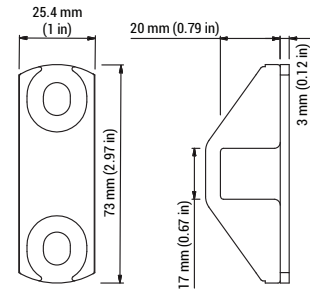
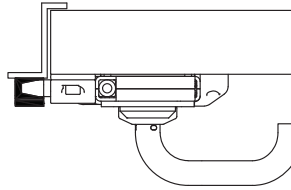
EXAMPLE CODE: KSL-OT-00

Stainless steel keep to suit outward opening doors in a timber frame.



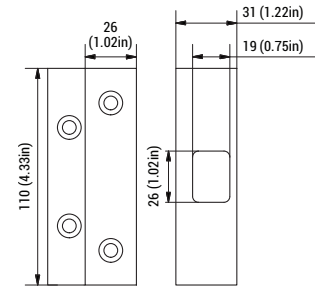
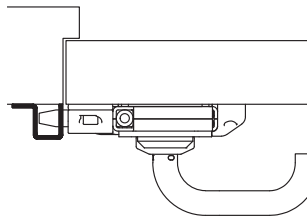
EXAMPLE CODE: KSL-BS-00

Stainless steel keep to suit inward opening doors in a steel frame.



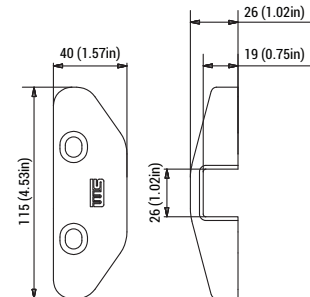
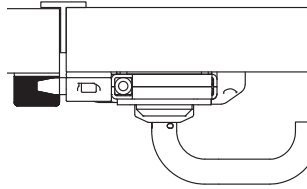
EXAMPLE CODE: KSL-IS-00

Stainless steel keep to suit inward opening doors in a steel frame.



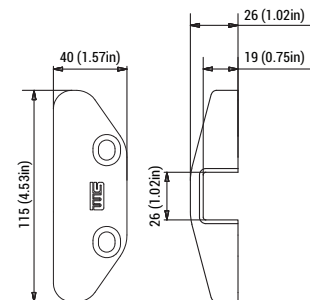
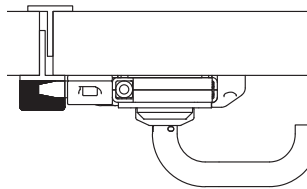
EXAMPLE CODE: KSL-BB-01

Stainless steel keep to suit inward & outward opening double doors.



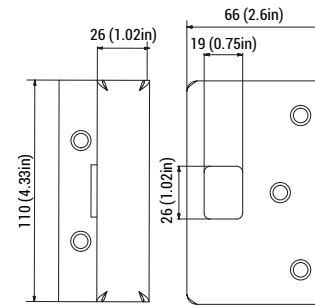
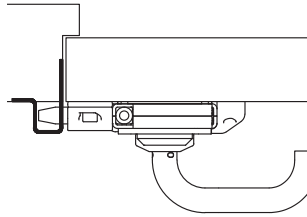
EXAMPLE CODE: KSL-BB-02

Stainless steel keep to suit inward & outward opening double doors with internal 'T' Astragal.



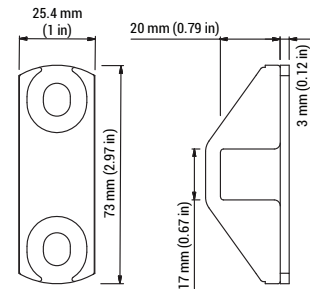
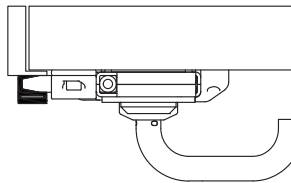
EXAMPLE CODE: KSL-IT-00

Stainless steel keep to suit inward opening doors in a timber frame.



EXAMPLE CODE: KSL-BS-00

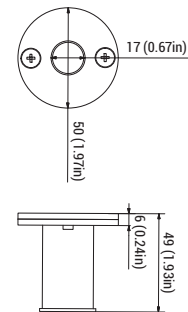
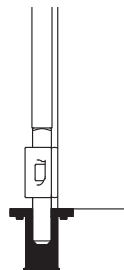
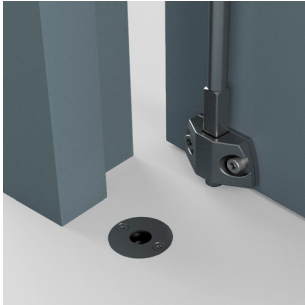
Stainless steel keep to suit outward opening doors in a steel frame.



SLIMLINE FLOOR KEEPS

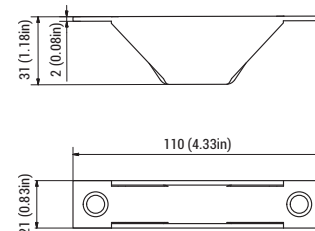
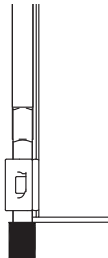
EXAMPLE CODE: KSL-FX-00

Stainless steel 'Dust-free' floor keep.



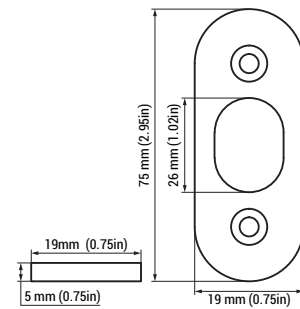
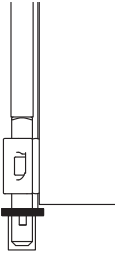
EXAMPLE CODE: KSL-FX-01

Stainless steel 'Easy-clean' floor keep.



EXAMPLE CODE: KSL-FX-02

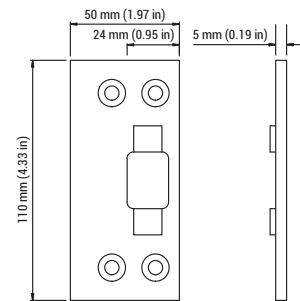
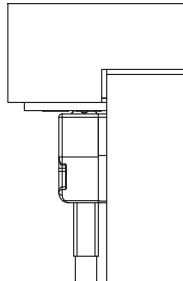
Stainless steel 'Plate' floor keep.



SLIMLINE IRESTRAINT KEEPS

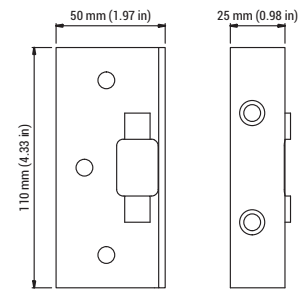
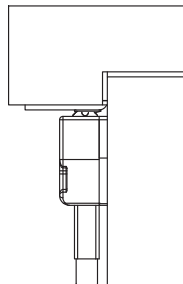
EXAMPLE CODE: KSL-OS-01-A07

Stainless steel keep & restraint strike to suit outward opening doors in a steel or timber frame.



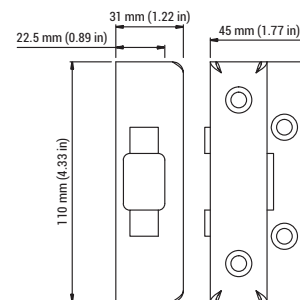
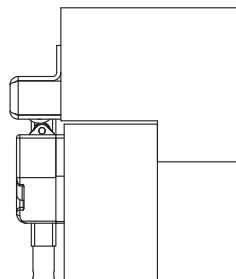
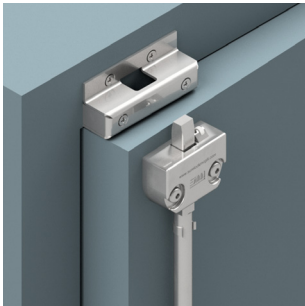
EXAMPLE CODE: KSL-OT-01-A07

Stainless steel keep & restraint strike to suit outward opening doors in a timber frame.



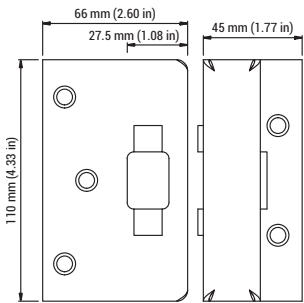
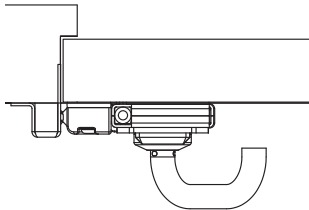
EXAMPLE CODE: KSL-IS-00-A07

Stainless steel keep to suit inward opening doors in a steel frame.



EXAMPLE CODE: KSL-IT-00-A07

Stainless steel keep to suit inward opening doors in a timber frame.



SELF CODING SYSTEM

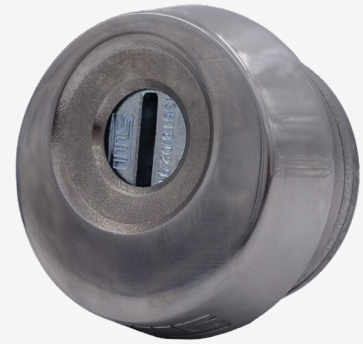
Surelock keeps have a simple ordering code, covering the opening method and door material type.

EXAMPLE ORDER CODE: KSL-BB-00

MODEL		OPENING DIRECTION		FRAME MATERIALS		VARIANTS	PACKING (OPTION B)	
KSL	Slimline	O	Outward	S	Steel	00-99	08	Load plate & packing; door to bolt 8mm (0.32in)
		I	Inward	T	Timber		12	Load plate & packing; door to bolt 12mm (0.47in)
		B	Bi-directional	B	Both		15	Load plate & packing; door to bolt 15mm (0.59in)
		S	Sliding	X	N/A		20	Load plate & packing; door to bolt 20mm (0.79in)
		F	Floor				25	Load plate & packing; door to bolt 25mm (0.98in)

The Surelock McGill Cylinder Guard range has been developed and continuously improved to provide protection against multiple threats, including manipulation, bumping, physical attack, ballistic, blast and fire. Successfully tested and certified to many international standards, the range includes cylinder guards to suit both surface mounted and mortice fitted locking systems.

The Cylinder Guard range can accommodate Round Rim, Scandinavian Oval, and Euro Profile cylinders. A well proven modular mounting footprint, together with a balance of unique materials enables the correct level of security protection to be selected.



GSS2/3 TO SUIT SURFACE MOUNTED LOCKING SYSTEMS

FEATURES

- Surface or mortice lock fitting applications
- Certified to LPS 1175 as part of a complete doorset
- Also achieved security testing under LPS 1673, LPS 2081, EN 1627, PAS 24 and FEBR
- Tested to ballistic standards under BS EN 1522/1523, UL 752 and FEBR
- Grade 5 corrosion resistance for building hardware
- Fixings can be bolted through most Surelock McGill locking systems
- Suits Round Rim, Scandinavian Oval, or Euro Profile cylinders

BENEFITS

- Protects cylinder from attempts of forced removal and manipulation
- Engineered for longevity and trouble-free service
- Heavy duty design with no visible fixings
- Multitude of fitting methods for ease of installation

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.

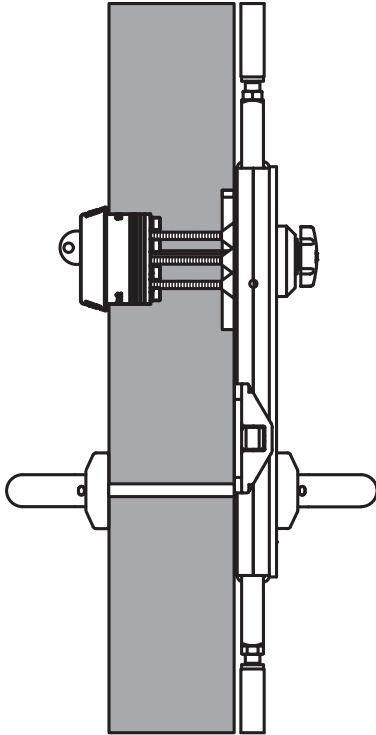


SECURITY															SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES				
LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627							STS 202	PAS 24	LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7																	SR8
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 MIN									300 SEC	A300E	B300E	C300E	D300E	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5			EN 179	UL 752 Level 10	ASTM F2927 Cat 1	EN 1634-1	GR4	500K
10 MIN	A10	B10	C10	D10	E10				180 SEC					15	RC4	BR4	SRA	UL 305	NIJ 0108.01 Level 1-4	Certifire		BS 476-22	GR3	
5 MIN						F5	G5		120 SEC						RC3	BR3					GR2			
3 MIN									60 SEC					5	RC2	BR2					GR1			
1 MIN									30 SEC						RC1	BR1								

SURFACE VS MORTICE FITTED CYLINDER GUARD SOLUTIONS

Cylinder Guards To Suit Surface Mounted Locking Systems (GSS)

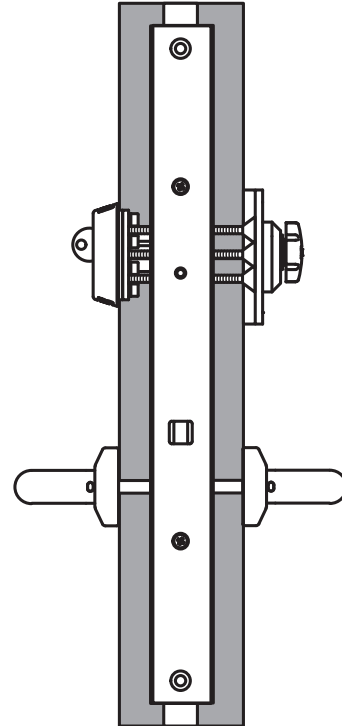
- Provides deep recess into door leaf for added security
- Compatible with most Surelock McGill surface mounted locking systems
- Suits Round Rim, Abloy Rim, Scandinavian Oval, or Euro Profile cylinders



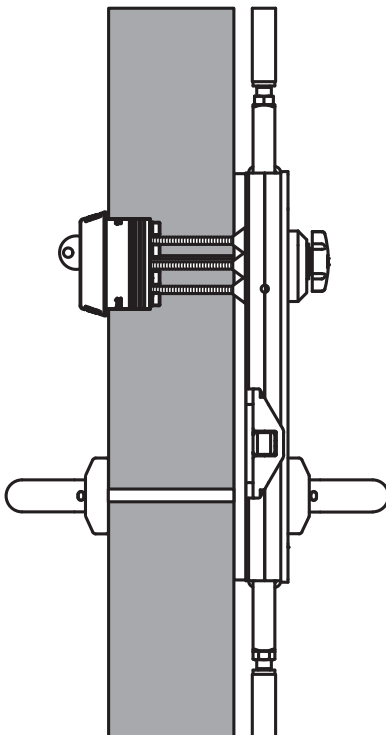
**SURFACE MOUNTED LOCKING
SYSTEM WITH FIXING PLATE**

Cylinder Guards To Suit Mortice Fitted Locking Systems (GMS)

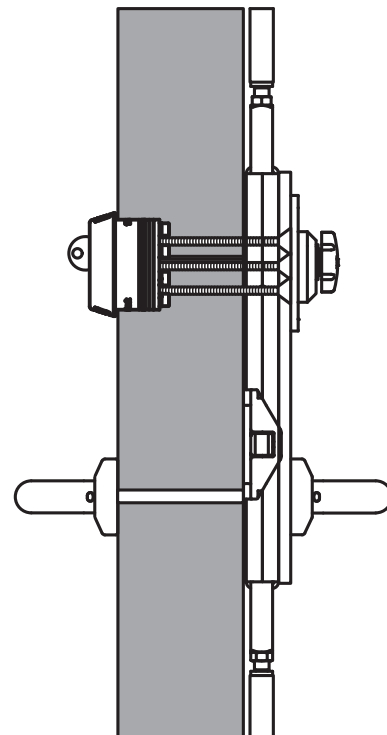
- Provides shallow recess into door leaf to allow clearance for mortice deadlock
- Compatible with most Surelock McGill mortice fitted locking systems
- Suits Euro Profile cylinders



**MORTICE FITTED LOCKING
SYSTEM WITH FIXING PLATE**



**SURFACE MOUNTED LOCKING
SYSTEM WITH B08 LOAD PLATE**



**SURFACE MOUNTED LOCKING SYSTEM
WITH W14 BOLT THROUGH PLATE**

CYLINDER GUARDS TO SUIT SURFACE MOUNTED LOCKING SYSTEMS SELECTION CHART - LPS 1175

- ☐ - Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
- - Indicates product has passed testing at this attack rating and higher.

GSS2/3



LPCB LPS 1175									
TIME	ISSUE 8							ISSUE 7	
	TOOLS							SR 1-6	
	A	B	C	D	E	F	G		
20 MIN								SR6	
15 MIN								SR5	
10 MIN	GS-LA10	GS-LB10						SR4	
5 MIN	GS-LA05	GS-LB05	GS-LC05					SR3	GS-LSR3
3 MIN	GS-LA03	GS-LB03	GS-LC03					SR2	GS-LSR2
1 MIN	GS-LA01	GS-LB01	GS-LC01	GS-LD01	GS-LE01	GS-LF01	GS-LG01	SR1	

GSS4



	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	
10 MIN			GS-LC10	GS-LD10				SR4	GS-LSR4
5 MIN				GS-LD05				SR3	
3 MIN				GS-LD03				SR2	
1 MIN								SR1	

GSS5



	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	GS-LSR5
10 MIN					GS-LE10			SR4	
5 MIN					GS-LE05			SR3	
3 MIN					GS-LE03			SR2	
1 MIN								SR1	

GSS7



	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	
10 MIN								SR4	
5 MIN						GS-LF05	GS-LG05	SR3	
3 MIN						GS-LF03	GS-LG03	SR2	
1 MIN								SR1	

CYLINDER GUARDS TO SUIT MORTICE FITTED LOCKING SYSTEMS SELECTION CHART - LPS 1175

GMS2/3



	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	
10 MIN	GM-LA10	GM-LB10						SR4	
5 MIN	GM-LA05	GM-LB05	GM-LC05					SR3	GM-LSR3
3 MIN	GM-LA03	GM-LB03	GM-LC03					SR2	GM-LSR2
1 MIN	GM-LA01	GM-LB01	GM-LC01					SR1	

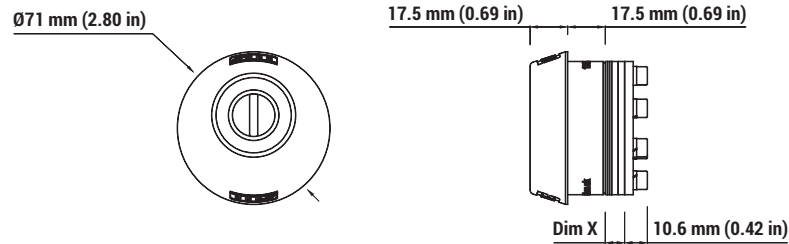
GMS4



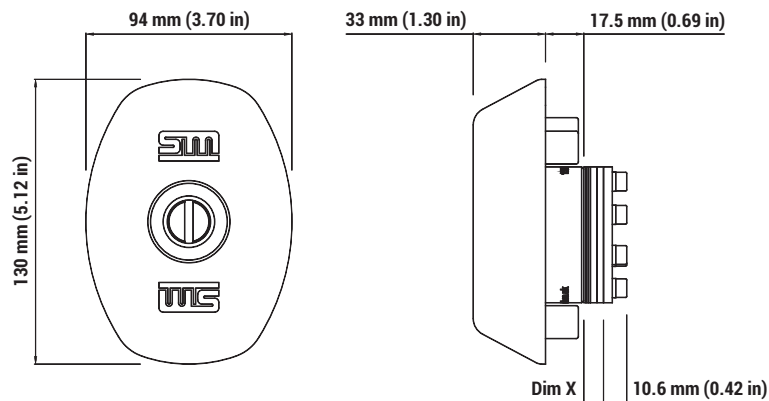
	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	
10 MIN			GM-LC10	GM-LD10				SR4	GM-LSR4
5 MIN				GM-LD05				SR3	
3 MIN				GM-LD03				SR2	
1 MIN				GM-LD01				SR1	

CYLINDER GUARDS TO SUIT SURFACE MOUNTED LOCKING SYSTEMS

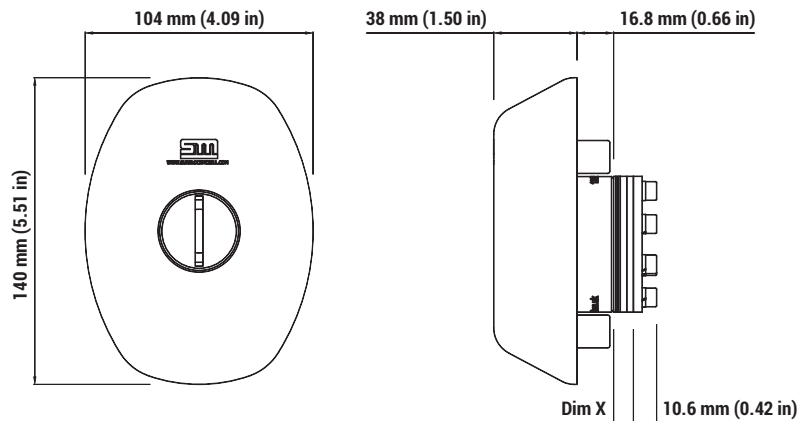
GSS2/3/4



GSS5

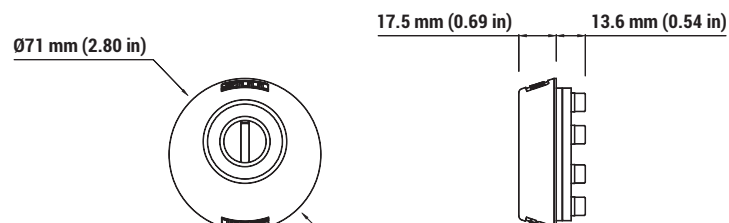


GSS7



CYLINDER GUARDS TO SUIT MORTICE FITTED LOCKING SYSTEMS

GMS2/3/4



Dim X - dependant on chosen cylinder, please see cylinders assessed to LPS 1175 chart for further information.

CYLINDERS ASSESSED TO LPS 1175

Manufacturer	Model	Cylinder Profile	GMS2/3	GMS4	GSS2/3	GSS4	GSS5	GSS7	Packers (Dim X) (mm)	LPS1175 Plus
Abloy	Disclock Pro CY403-DP	Rim			✓				13	+
Abloy	Disclock Pro CY405-DP	Rim			✓				12	+
Abloy	Disklock Pro CY201-DP	Scandinavian Oval			✓				7	+
Abloy	Disklock Pro CY303-DP, CY304-DP, CY305-DP, CY307-DP, CY308-DP, CY309-DP, CY317-DP, CY318-DP, CY319-DP, CY321-DP, CY322-DP, CY323-DP, CY326-DP, CY327-DP, CY328-DP, CY331-DP, CY332-DP, CY333-DP, CY336-DP, CY337-DP, CY338-DP	Europrofile	✓		✓				0	+
Abloy	Novel CY403-VL	Rim			✓				13	+
Abloy	Novel CY405-VL	Rim			✓				12	+
Abloy	Novel CY201-VL	Scandinavian Oval			✓				7	+
Abloy	Novel CY321-VL, CY322-VL, CY323-VL, CY326-VL, CY327-VL, CY328-VL, CY331-VL, CY332-VL, CY333-VL, CY336-VL, CY337-VL, CY338-VL	Europrofile	✓		✓				0	+
Abloy	Protec CY403-PT	Rim			✓	✓	✓		13	+
Abloy	Protec2 CY403-TT	Rim			✓	✓	✓		13	+
Abloy	Protec Cliq / Cliq Remote CY403-PT-CLIQ	Rim			✓	✓	✓		13	+
Abloy	Protec2 Cliq / Cliq Remote CY403-TT-CLIQ	Rim			✓	✓	✓		13	+
Abloy	Protec CY405-PT	Rim			✓	✓	✓		12	+
Abloy	Protec2 CY405-TT	Rim			✓	✓	✓		12	+
Abloy	Protec CY201-PT	Scandinavian Oval			✓	✓	✓		7	+
Abloy	Protec2 CY201-TT	Scandinavian Oval			✓	✓	✓		7	+
Abloy	Protec Cliq / Cliq Remote CY201-PT-CLIQ	Scandinavian Oval			✓	✓	✓		7	+
Abloy	Protec2 Cliq / Cliq Remote CY201-TT-CLIQ	Scandinavian Oval			✓	✓	✓		7	+
Abloy	Protec CY303-PT, CY304-PT, CY305-PT, CY307-PT, CY308-PT, CY309-PT, CY317-PT, CY318-PT, CY319-PT, CY321-PT, CY322-PT, CY323-PT, CY326-PT, CY327-PT, CY328-PT, CY331-PT, CY332-PT, CY333-PT, CY336-PT, CY337-PT, CY338-PT	Europrofile	✓	✓	✓	✓	✓		0	+
Abloy	Protec Cliq / Cliq Remote CY303-PT-CLIQ, CY304-PT-CLIQ, CY305-PT-CLIQ, CY331-PT-CLIQ, CY332-PT-CLIQ, CY333-PT-CLIQ	Europrofile	✓	✓	✓	✓	✓		0	+
Abloy	Protec2 CY321-TT, CY322-TT, CY323-TT, CY326-TT, CY327-TT, CY328-TT, CY331-TT, CY332-TT, CY333-TT, CY336-TT, CY337-TT, CY338-TT	Europrofile	✓	✓	✓	✓	✓		0	+
Abloy	Protec2 Cliq / Cliq Remote CY331-TT-CLIQ, CY332-TT-CLIQ, CY333-TT-CLIQ	Europrofile	✓	✓	✓	✓	✓		0	+
ABUS	Vitess 1000	Rim			✓	✓			2	
ABUS	Vitess 1000	Scandinavian Oval			✓	✓			7	
ABUS	Vitess 1000	Europrofile	✓	✓	✓	✓			0	
ABUS	Bravus 2000	Rim			✓	✓	✓		2	
ABUS	Bravus 2000	Scandinavian Oval			✓	✓	✓		7	
ABUS	Bravus 2000	Europrofile	✓	✓	✓	✓	✓		0	
Access2	Tigris Omega	Rim			✓	✓	✓		5	+
Access2	Tigris Omega	Scandinavian Oval			✓	✓	✓		7	+
Access2	Tigris Omega	Europrofile	✓	✓	✓	✓	✓		0	+
Access2	Tigris Plus	Rim			✓	✓			5	
Access2	Tigris Plus	Scandinavian Oval			✓	✓			7	
Access2	Tigris Plus	Europrofile	✓	✓	✓	✓			0	
Access2	Tigris Premier, Premier 2, Premier 3	Rim			✓	✓	✓		5	+
Access2	Tigris Premier, Premier 2, Premier 3	Scandinavian Oval			✓	✓	✓		7	+
Access2	Tigris Premier, Premier 2, Premier 3	Europrofile	✓	✓	✓	✓	✓		0	+
Acsys	BL, SL, DL	Europrofile	✓	✓	✓	✓	✓		0	+
ASSA	4457	Rim			✓	✓	✓		4	+
ASSA	4401, 4407	Scandinavian Oval			✓	✓	✓		7	+
ASSA	4401, 4407 Cliq / Cliq Remote	Scandinavian Oval			✓	✓	✓		7	+
ASSA	4422, 4423, 4427	Europrofile	✓	✓	✓	✓	✓		0	+
ASSA	44M22, 44M23, 44M27 Cliq / Cliq Remote	Europrofile	✓	✓	✓	✓	✓		0	+
ASSA	4857	Rim			✓	✓	✓		4	
ASSA	4801, 4807	Scandinavian Oval			✓	✓	✓		7	

Manufacturer	Model	Cylinder Profile	GMS2/3	GMS4	GSS2/3	GSS4	GSS5	GSS7	Packers (Dim X) (mm)	LPS1175 Plus
ASSA	4822, 4823, 4827	Europrofile	✓	✓	✓	✓	✓		0	
ASSA	C5857	Rim			✓	✓	✓		4	+
ASSA	C5801, C5807	Scandinavian Oval			✓	✓	✓		7	+
ASSA	C5822, C5823, C5827	Europrofile	✓	✓	✓	✓	✓		0	+
ASSA	7657	Rim			✓	✓			4	
ASSA	7601, 7607	Scandinavian Oval			✓	✓			7	
ASSA	7622, 7623, 7627	Europrofile	✓	✓	✓	✓			0	
iLOQ	C10S.1	Scandinavian Oval			✓	✓		✓	15	+
Kaba	experT	Scandinavian Oval			✓	✓	✓	✓	6	+
Kaba	experT	Europrofile	✓	✓	✓	✓	✓	✓	0	+
Kaba	Gege pExtra	Scandinavian Oval			✓	✓	✓		7	+
Kaba	Gege pExtra	Europrofile	✓	✓	✓	✓	✓		0	+
Kaba	Gege RAM	Scandinavian Oval			✓	✓	✓		7	+
Kaba	Gege RAM	Europrofile	✓	✓	✓	✓	✓		0	+
Kaba	K20	Rim			✓	✓	✓		0	
Kaba	K20	Scandinavian Oval			✓	✓	✓		6	
Kaba	Quattro Plus	Rim			✓	✓	✓		0	+
Kaba	Quattro Plus	Scandinavian Oval			✓	✓	✓		6	+
Kaba	Quattro Plus	Europrofile	✓	✓	✓	✓	✓		0	+
KESO	4000S	Rim			✓	✓	✓		2	+
KESO	4000S	Scandinavian Oval			✓	✓	✓		7	+
KESO	4000S	Europrofile	✓	✓	✓	✓	✓		0	+
Locken/ISEO	8SVA20A329M	Scandinavian Oval			✓	✓	✓		7	+
Locken/ISEO	8MVA030309M, 8MVA830309M, 8MVA030109M	Europrofile	✓	✓	✓	✓	✓		0	+
Medeco	M3-ARX - Large Head Keys Recommended	Rim			✓	✓	✓	✓	4	+
Medeco	M3-ARX - Large Head Keys Recommended	Scandinavian Oval			✓	✓	✓	✓	7	+
Medeco	M3-ARX - Large Head Keys Recommended	Europrofile	✓	✓	✓	✓	✓	✓	0	+
Mul-T-Lock	Classic Pro	Rim			✓	✓			4	
Mul-T-Lock	Classic Pro	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	Classic Pro	Europrofile	✓	✓	✓	✓			0	
Mul-T-Lock	Interactive+	Rim			✓	✓			4	
Mul-T-Lock	Interactive+	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	Interactive+	Europrofile	✓	✓	✓	✓			0	
Mul-T-Lock	Intergrator	Rim			✓	✓	✓		4	
Mul-T-Lock	Intergrator	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	Intergrator	Europrofile	✓	✓	✓	✓			0	
Mul-T-Lock	MT5	Rim			✓	✓			4	
Mul-T-Lock	MT5	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	MT5	Europrofile	✓	✓	✓	✓			0	
Mul-T-Lock	MT5+	Rim			✓	✓			4	
Mul-T-Lock	MT5+	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	MT5+	Europrofile	✓	✓	✓	✓			0	
Schlage	MC201	Rim			✓	✓	✓			
Schlage	EC901, EC902, EC903	Europrofile	✓	✓	✓	✓	✓		0	
Surelock McGill	CY-RM	Rim			✓	✓	✓		5	+
Surelock McGill	CY-SN	Scandinavian Oval			✓	✓	✓		7	+
Surelock McGill	CY-ED, CY-ET, CY-ES	Europrofile	✓	✓	✓	✓	✓		0	+
Videx	Cyberlock CL-OVLD	Scandinavian Oval			✓	✓	✓		7	+
Winkhaus	VS6	Rim			✓	✓			2	
Winkhaus	VS6	Scandinavian Oval			✓	✓			7	
Winkhaus	VS6	Europrofile	✓	✓	✓	✓			0	
Yale	X5	Rim			✓	✓			4	

FURTHER ACCREDITATION - CYLINDER GUARD SELECTION CHART

-  - Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
 - Indicates product has passed testing at this attack rating and higher.

TESTING	GSS2/3	GSS4	GSS5	GSS7	GMS2/3	GMS4
FEBR (60 MINS)			GS-FX60			
FEBR (30 MINS)			GS-FX30			
FEBR (15 MINS)		GS-FX15**				
FEBR (05 MINS)		GS-FX05**				
EN-1627 (RC5)				GS-ERC5		
EN-1627 (RC4)	GS-ERC4					
EN-1627 (RC3)	GS-ERC3					
EN-1627 (RC2)	GS-ERC2					
EN-1627 (RC1)	GS-ERC1					
LPS 2081 (B03)	GS-SB03				GM-SB03	
LPS 2081 (A01)	GS-SA01				GM-SA01	
PAS24	GS-PXXX				GM-PXXX	
LPS 1673 (A30-D300)					GM-D300	

** Supplied as a stainless steel housing with 6mm disc

INSTALLATION FIXING DETAIL REFERENCE CHART

FIXING LENGTH	STANDARD CYLINDER FIXING METHOD	OPTION B08 (5 mm (0.2") cylinder guard load plate fixing)	OPTION W14 (Bolt through cylinder guard fixing)
	Referring to thickness of door leaf		
40 mm (1.57")	40 mm (1.57") to 50 mm (1.97")	35 mm (1.38") to 45 mm (1.77")	
50 mm (1.97")	50 mm (1.97") to 60 mm (2.36")	45 mm (1.77") to 55 mm (2.17")	
60 mm (2.36")	60 mm (2.36") to 70 mm (2.76")	55 mm (2.17") to 65 mm (2.56")	
70 mm (2.76")	70 mm (2.76") to 80 mm (3.15")	65 mm (2.56") to 75 mm (2.95")	40 mm (1.57") to 50 mm (1.97")
80 mm (3.15")	80 mm (3.15") to 90 mm (3.54")	75 mm (2.95") to 85 mm (3.35")	50 mm (1.97") to 60 mm (2.36")
90 mm (3.54")	90 mm (3.54") to 100 mm (3.94")	85 mm (3.35") to 95 mm (3.74")	60 mm (2.36") to 70 mm (2.76")
Screw length option W14 subject to change when any packing options are introduced			

SELF CODING SYSTEM

Cylinder Guards have a structured ordering code that covers the chosen style of guard, security accreditation, cylinder profiles as well as fixings to be supplied.

EXAMPLE ORDER CODE: GS-LD05-RR61

PRODUCT NAME		ACCREDITATION		SECURITY RATING (SR/SC)	ATTACK DURATION	CYLINDER PROFILE		FIXINGS		FIXING PLATE	
GS	Surface	L	LPS 1175	SR1 – SR5 (Issue 7)		RR	Round Rim (Standard)	X	No fixings supplied	X	None
GM	Mortice			A – G (Issue 8)	01, 03, 05, 10, 15, 20 Mins	AR	Abloy Rim	4	40 mm (1 1/2")	1	Included
		S	LPS 2081	A01 or B03		SI	Mortice (Screw-in)	5	50 mm (2")		
		E	EN 1627	RC1 – RC6		SO	Scan Oval	6	60 mm (2 3/8")		
		F	FEBR	X	05, 15, 30, 60 Mins	EU	Euro-profile	7	70 mm (2 3/4")		
		P	PAS 24	XXX				8	80 mm (3 1/4")		
		N	NPSA	A01/CO1/DO1				9	90 mm (3 1/2")		
		D	LPS 1673	300 Secs							

As a leader in the field of physical security and as a manufacturer that prides itself on quality, our products adhere to a wide host of International testing standards. Testing is performed via third-party test houses and in many cases requires a complete doorset or gate to ensure combined accreditation, these are marked with an asterisk (*). Independent auditing of continual design and manufacture ensures a continual genuine stamp of product performance.

Continual testing and approval of our products provides the confidence of their ability to perform and meet these standards, enabling individual door and gate manufacturers to select suitable products and submit their designs for testing and accreditation.



Assessed to ISO 9001:2015
LPCB Cert. No. 516-1

PHYSICAL SECURITY

- LPS 1175 up to SR2 to SR6 for issue 7 & up to E10 & G5 for issue 8- LPCB/BRE physical security standard*
- LPS 1673 up to D300E - LPCB/BRE physical security standard*
- US DoS SD-STD-01-01G (FEBR) up to 60 minutes - US combined ballistic and forced entry test standard*
- EN 1627 - European security test standard*
- Exova STS 202 - security test standard*
- PAS 24 - UK domestic security test standard*
- LPS 2081 up to SRB - LPCB/BRE physical security standard*



PHYSICAL SECURITY

BALLISTIC

- EN 1522 / EN 1523 FB4 to FB7 + FSG - European ballistic test standard*
- UL 752 – Standard for Bullet-Resisting Equipment
- NIJ Standard 0108.01 – Ballistic Resistant Protective Materials
- US DoS SD-STD-01-01G (FEBR) up to 60 minutes – US combined ballistic and forced entry test standard*



BALLISTIC



BLAST

BLAST

- ISO 16933 – Test Method (100 kg TNT at 15m on standard systems) – Arena blast test*
- ASTM F2927 – Standard Test Method for Door Systems Subject to Airblast Loadings



FIRE

FIRE

- EN 1634-1 – European Fire Protection, up to 4 hours*
- BS 476-22 – UK Fire Protection, up to 4 hours*
- UL10C – US Fire Protection
- Certifire approved – Certification scheme for fire door hardware



PANIC & EMERGENCY ESCAPE

PANIC & EMERGENCY ESCAPE:

- EN 1125 – European test for panic escape hardware (panic bars)
- UL305 – US Standard for Panic Hardware
- EN 179 – European test for emergency escape hardware (lever handle and push pads)
- CE and UKCA marked – European requirement
- Certifire approved – Certification scheme for panic & emergency escape hardware



CORROSION

CORROSION

- EN 1670:2007 – Corrosion resistance for building hardware, grade 5

FIRE CERTIFICATE CODING

Certain Slimline fire certificates still reference an older ordering code. Below is a table that converts these older codes to the updated ordering codes.

UL10C CERTIFICATES

OLD CODE	NEW CODE
NO ENTRY	
SL301	SL3A-XXXX-AA-KMLS
SL302	SL3A-XXXX-AA-AMLS
SL303	SL3A-XXXX-AA-TMLS
SL304	SL3A-XXXX-AB-LMPB
SL304-Q4	SL3A-XXXX-AB-LMPB-Q04
SL305	SL3A-XXXX-AB-LMLS
SL305-Q4	SL3A-XXXX-AB-LMLE-Q04
SL306	SL3A-XXXX-AB-LMPP
SL306-Q4	SL3A-XXXX-AB-LMPP-Q04
KEY ENTRY	
SL311	SL3A-KMLS-AA-KMLS
SL312	SL3A-KMLS-AA-AMLS
SL313	SL3A-KMLS-AA-TMLS
SL314	SL3A-KMLS-AA-LMPB
SL315	SL3A-KMLS-AA-LMLE
SL316	SL3A-KMLS-AA-LMPP
ACCESS CONTROL ENTRY	
SL321	SL3A-AMLS-AA-KMLS
SL322	SL3A-AMLS-AA-AMLS
SL323	SL3A-AMLS-AA-TMLS
SL324	SL3A-AMLS-AA-LMPB
SL325	SL3A-AMLS-AA-LMLE
SL326	SL3A-AMLS-AA-LMPP

CERTIFIRE CERTIFICATES

OLD CODE	NEW CODE
NO ENTRY	
SL204	SL2A-XXXX-AB-LMPB
SL205	SL2A-XXXX-AB-LMLS
SL206	SL2A-XXXX-AB-LMPP
SL304	SL3A-XXXX-AB-LMPB
SL305	SL3A-XXXX-AB-LMLS
SL306	SL3A-XXXX-AB-LMPP
SL405	SL4A-XXXX-AB-LMLS
SL406	SL4A-XXXX-AB-LMPP
KEY ENTRY	
SL214	SL2A-KMLS-AA-LMPB
SL215	SL2A-KMLS-AA-LMLE
SL216	SL2A-KMLS-AA-LMPP
SL314	SL3A-KMLS-AA-LMPB
SL315	SL3A-KMLS-AA-LMLE
SL316	SL3A-KMLS-AA-LMPP
SL415	SL4A-KMLS-AA-LMLE
SL416	SL4A-KMLS-AA-LMPP
ACCESS CONTROL ENTRY	
SL323	SL3A-AMLS-AA-TMLS
SL324	SL3A-AMLS-AA-LMPB
SL325	SL3A-AMLS-AA-LMLE
SL326	SL3A-AMLS-AA-LMPP
MOTORISED BOLT RETRACTION ENTRY	
SL324-M7	SL3A-APLS-AA-LPPB
SL325-M7	SL3A-APLS-AA-LPLE
SL326-M7	SL3A-APLS-AA-LPPP



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A part of the



[Securing the people
who secure the country]