

The Abryll range is a high performance single-point, surface mounted locking system, tested and certified to multiple international standards against forced entry, blast, ballistic and fire protection. Abryll has been engineered to provide multiple entry & exit methods, making the range incredibly versatile and suitable for most applications.

Entry includes key, access control or combination lock with lever handle. A choice of controlled, or life-safety panic/emergency exit is available to meet a wide range of egress requirements. The robust design and stainless steel construction assists in protecting your facilities and provides a high level of durability.



FEATURES

- Surface mounted for maximum strength
- 30 mm (1 1/8") x 20 mm (3/4") bolt x 37 mm (1 1/2") throw
- Stainless steel construction for corrosion resistance and durability
- 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 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
- 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 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		EN 1634-1		
10 MIN	A10	B10	C10	D10	E10	F10			180 SEC					15	RC4	BR4		SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	CERTIFIRE	GR3	
5 MIN									120 SEC					5	RC3	BR3						GR2	200K	
3 MIN									60 SEC						RC2	BR2						GR1		
1 MIN									30 SEC							RC1	BR1							

ENTRY FUNCTION (OPTIONS)

KEY & LEVER HANDLE	Key to unlock & lever handle to release
ACCESS CONTROL	Access control to unlock & lever handle to release
COMBINATION LOCK	Combination lock & 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

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



PANIC AND EMERGENCY

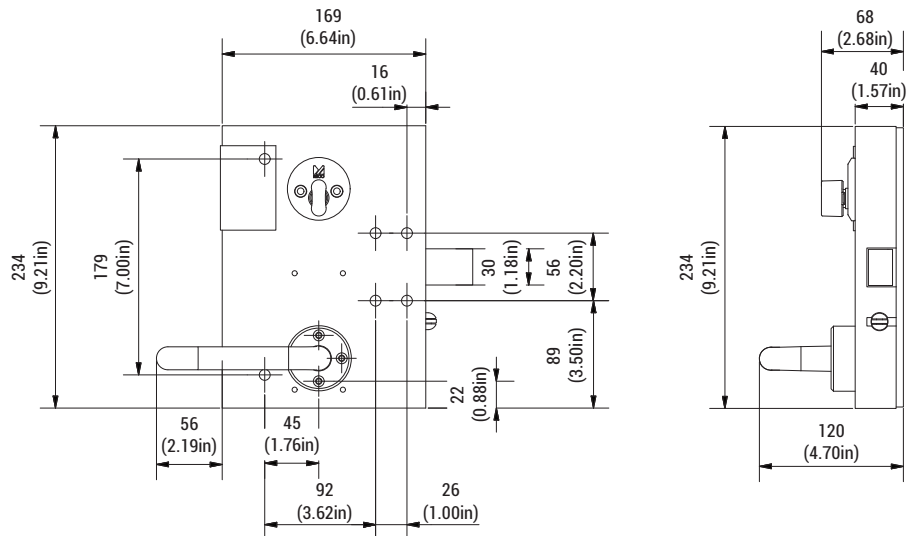


KEY & LEVER HANDLE

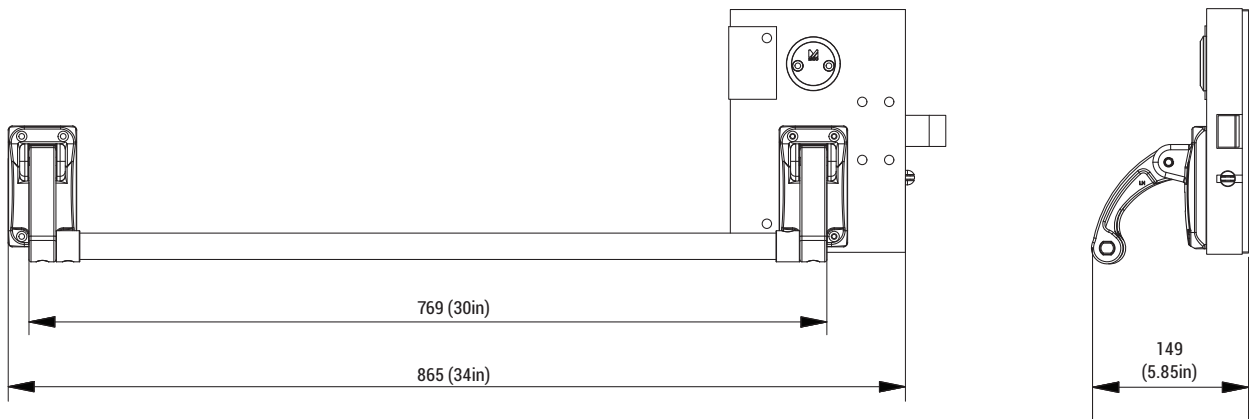


ACCESS CONTROL

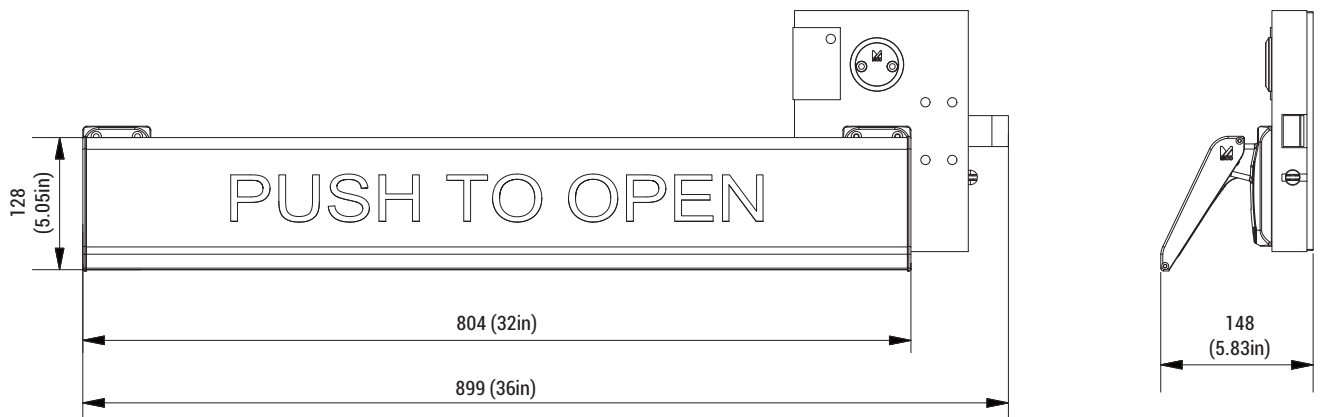
ABRYLL TECHNICAL DRAWINGS



ABRYLL PANIC & EMERGENCY EXIT



ABRYLL PANIC BAR (TUBE)

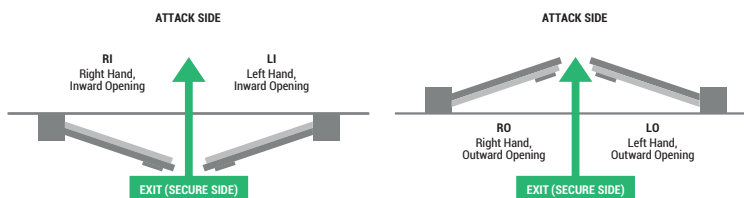


ABRYLL PANIC BAR (BLADE)

SELF CODING SYSTEM

The Abryll (AB) 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: AB1A-AMLS-AA-LMLS



PRODUCT			ENTRY		SECURING		EXIT	
RANGE		BOLTS	UNLOCKING		UPON DOOR CLOSURE		UNLOCKING	
AB	Abryll	1	X	None	AA	Auto bolting / Auto deadlocking	X	None
BOLT DIRECTION			K	Key	AM	Auto bolting / Manual deadlocking	K	Key
A	Horizontal bolt		H	Lockable handle (Key / Padlock)	AB	Auto bolting only	A	Access control
			A	Access control	MA	Manual bolting / Auto deadlocking	T	Thumbturn
			C	Combination	MM	Manual bolting / Manual deadlocking	L	Single Handed / Panic - Emergency
			BOLT RETRACTION		MB	Manual bolting only	BOLT RETRACTION	
			X	None			X	None
			M	Manual			M	Manual
			OPERATOR				OPERATOR	
			XX	None			XX	None
			LS	Lever handle (Tubular straight)			LS	Lever handle (Tubular straight)
			HE	Lever handle (H/D Tubular ergonomic)			HE	Lever handle (H/D Tubular ergonomic)
			LH	Lockable handle			PB	Panic bar (Blade aluminium)
			UE	Profile lever handle (Ergonomic)			PP	Push pad
			UH	Profile lever handle (Ergonomic clutched)			PE	Panic bar (Tubular st/st)

EXAMPLE BOLT DIRECTIONS

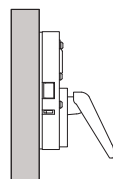
See coding chart above for reference



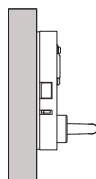
No. Bolts (1)
Direction (A)

EXAMPLE ENTRY/EXIT DIRECTIONS

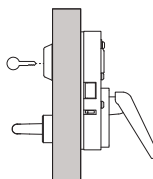
See coding chart above for reference



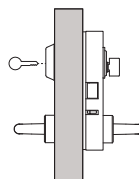
Entry (XXXX)
Exit (LMPB)



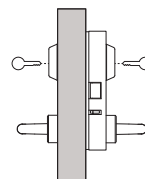
Entry (XXXX)
Exit (LMLS)



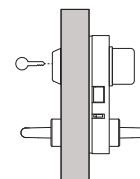
Entry (KMLS)
Exit (LMPB)



Entry (KMLS)
Exit (TMLS)



Entry (KMLS)
Exit (KMLS)



Entry (KMLS)
Exit (AMLS)

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

ABRYLL ACCESS CONTROL POWER CONSUMPTION

VOLTAGE	POWER CONSUMPTION PER SOLENOID	CURRENT DRAW PER SOLENOID	RECOMMENDED POWER SUPPLY
12 V	6 W	0.5 A	12 V 1.0 A
24 V	6 W	0.25 A	24 V 1.0 A