



EVO Multipoint Range

High Security EVO Multipoint Locking Range, offering a multitude of functions including Panic Escape, Mechanical and Electro-Mechanical Deadlocking options.



LPS 1175

BSEN 179

BSEN 1670

1M CYCLES



The MICO EVO Multipoint Range has established itself as the most approved locking range for high security applications. Manufactured from stainless steel as standard, the range offers a robust high security solution for even the harshest environments. Tested and approved on selected single and double doorsets to LPCB SR 2,3,4,5 & 6 and with additional HM Government approvals the MICO INT Multipoint Range is the ideal choice where security is paramount. The EVO Multipoint Range also boasts Panic Escape functions which carry the latest BS EN 179 accreditations for your added peace of mind.

Customer Care / Installation / Maintenance

At Tindall Engineering we pride ourselves on customer care. Based on trust, we have built up a solid customer base over the years through personal service, bespoke products, arrangements and a highly professional working environment. It doesn't stop with the sale, our site engineers are highly trained meaning we can offer a professional after sales service including installation, maintenance and repair.

Certifications

Security: The Loss Prevention Certification Board LPS1175 SR1, SR2, SR3, SR4, SR5 and SR6



Escape: BS EN 179:2008



Quality:



EVO Range

Technical Overview

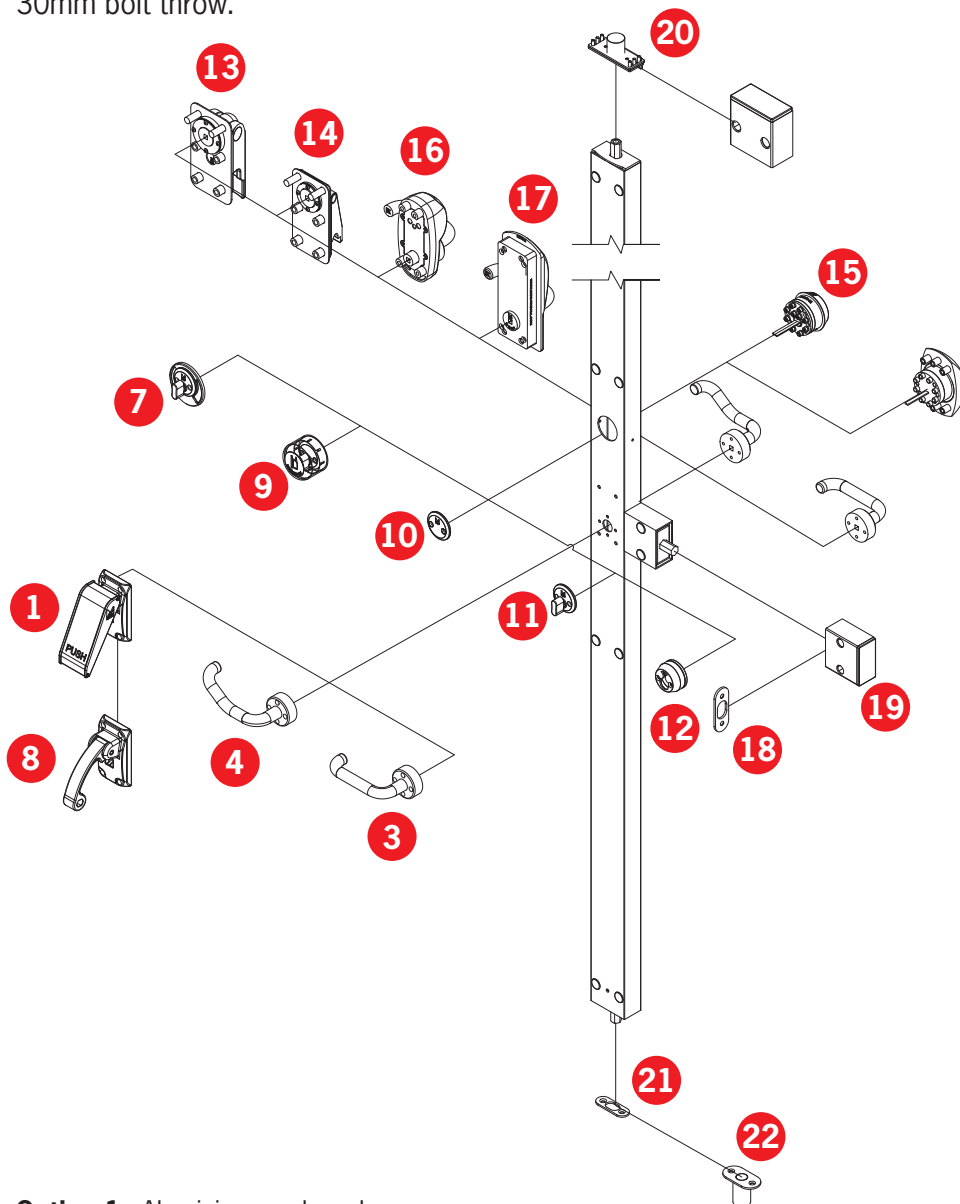
Stainless steel mechanism housed in an aluminium box section.

Dimensions (H) 2150mm (W) 80mm.

Standard Push Plate width supplied as 800mm.

Handing – This unit is handed as per diagram.

30mm bolt throw.



Option 1 - Aluminium push pad

Option 3 - Heavy duty lever handle

Option 4 - Heavy duty cranked lever handle

Option 7 - Thumbturn c/w visual indicator

Option 8 - Stainless steel pad

Option 9 - Break dome

Option 10 - Blind rose

Option 11 - Thumbturn

Option 12 - Internal Cylinder ring kit

Option 13 - Hasp & Staple SR3

Option 14 - Hasp & Staple SR2

Option 15 - Security cylinder guard

Option 16 - ELK Lite

Option 17 - ELK

Option 18 - 3rd Point Receiver

Option 19 - Rim Receiver

Option 20 - Top catch bracket

Option 21 - Floor socket receiver

Option 22 - Dust proof floor socket receiver



EVO PE

The MICO EVO Range of Multipoint, surface fitted **Emergency** devices offers single handed means of escape should an emergency event arise.

Push pad and heavy duty lever handle options are all available to meet the mandatory BS EN 179 Emergency Escape standards.

OPERATION

Entry Method: (Optional) outside access devices (OAD) option available from key driven to pad-lockable devices.

Exit Method: Single action to escape at all times via push pad or heavy duty lever handle.

FEATURES

- Tested to over 1,000,000 cycles
- Surface fitted
- Automatic bolting
- 2 & 3 point bolting options
- Optional bolt status micro-switch

BENEFITS

- Tested and approved up to SR6 (on selected doorsets)
- Emergency escape versions fully tested and certified to BS EN 179:2008 and CE Marked



EVO-3 PE 1



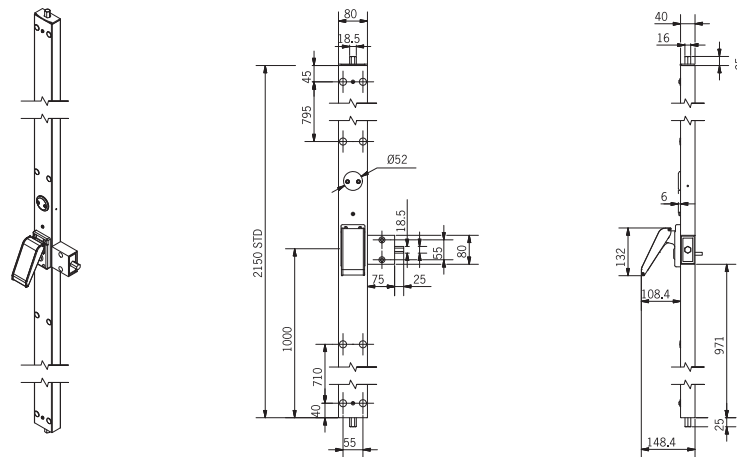
EVO-3 PE 3



Product Performance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly																								
LPS 1175									SECURITY															
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 Min									300 SEC															
15 Min									240 SEC					60	RC6	BR6								
10 Min									180 SEC						RC5	BR5		SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL
5 Min									120 SEC					15	RC4	BR4					EN 1634-1		GR4	
3 Min									60 SEC						RC3	BR3	PAS 24		EN 179	UL 752 Level 1-10		CERTIFIRE	GR3	500K
1 Min									30 SEC					5	RC2	BR2		SRA			ASTM F2927 Cat 1		GR2	
															RC1	BR1			UL 305	NIJ 0108.01 Level 1-4	BS 476-22	GR1	200K	



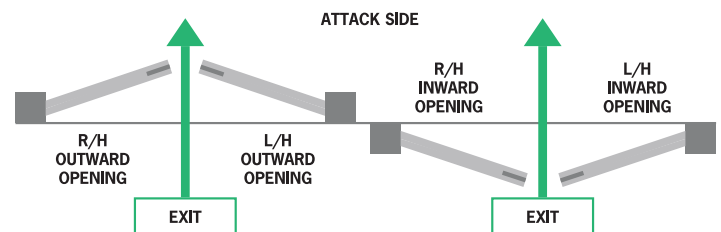
TECHNICAL DRAWINGS



CODING SYSTEM

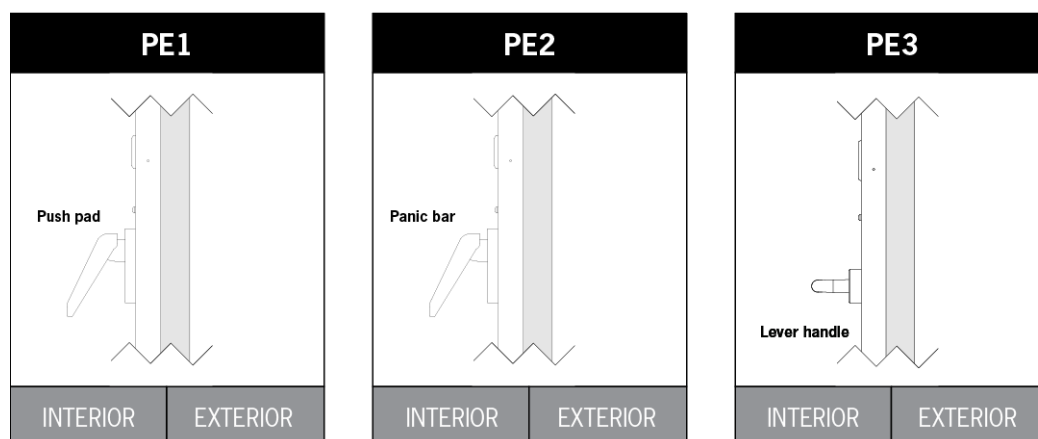
The MICO EVO has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO EVO-3 PE1



Range	Bolts	Exit	Entry	Additional Options
MICO EVO	2	PE1 - Emergency push pad	-	(BSM) Bolt status micro switch
		PE3 - Emergency Heavy duty lever		
	3	PE8 - Stainless steel pad		

EXAMPLE ENTRY/EXIT DIRECTIONS





EVO AD

The MICO EVO Range of Multipoint, surface fitted locking device offer **Automatic Deadlocking (AD)** upon door closure with external key access facility.

The AD Range can also be specified with single action to escape (SATE) via push pad or heavy duty lever to meet the mandatory BS EN 179 Emergency Escape standards.

External key access is provided as standard on the AD Range from LPS 1175 SR2 up to SR6 rated cylinder guard protection.

OPERATION

Entry Method: Mechanical key entry via external key cylinder and Lever. (To suit Scandinavian Oval Rim Cylinder as standard, other profiles available on request)

Exit Method: Thumbturn or key cylinder and lever handle or SATE - single action to escape at all times via push pad or heavy duty lever handle.

FEATURES

- Tested to over 1,000,000 cycles
- Surface fitted
- Automatic deadlocking upon door closure
- 2 & 3 point bolting options
- Optional Bolt & Deadlock status micro-switch

BENEFITS

- Tested and approved up to SR6 (on selected doorsets)
- Emergency escape versions fully tested and certified to BS EN 179:2008 and CE Marked



EVO-3 AD 3

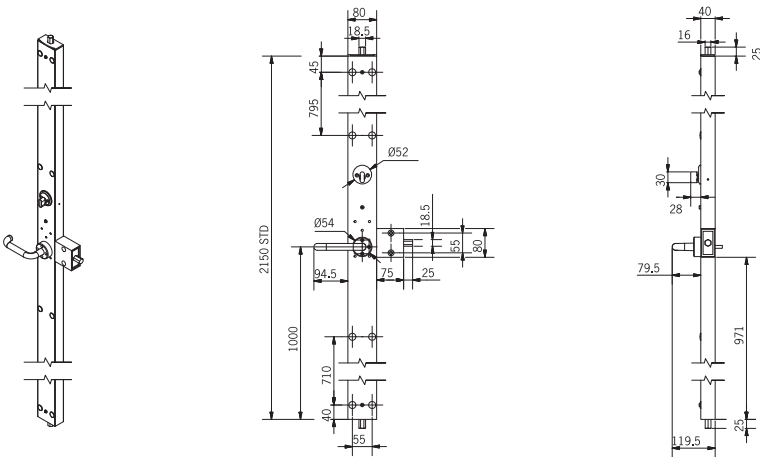


EVO-3 AD 3 SATE



Product Performance Chart - Indicates product has been certified or tested & approved as part of a complete doorset assembly																										
LPS 1175									SECURITY					LPS 1673 (AR.)		FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	LPS 1673 (AR.)																	
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D													
20 Min									300 SEC																	
15 Min									240 SEC					60			RC6	BR6								
10 Min									180 SEC								RC5	BR5								
5 Min									120 SEC					15			RC4	BR4								
3 Min									60 SEC								RC3	BR3								
1 Min									30 SEC					5			RC2	BR2								
																	RC1	BR1								

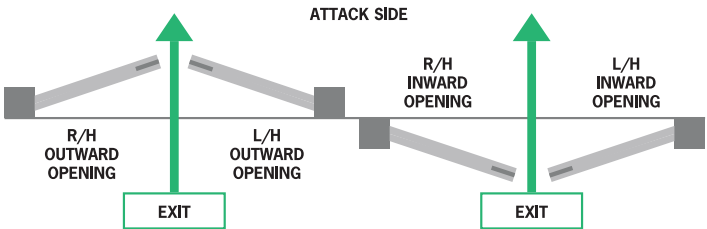
TECHNICAL DRAWINGS



CODING SYSTEM

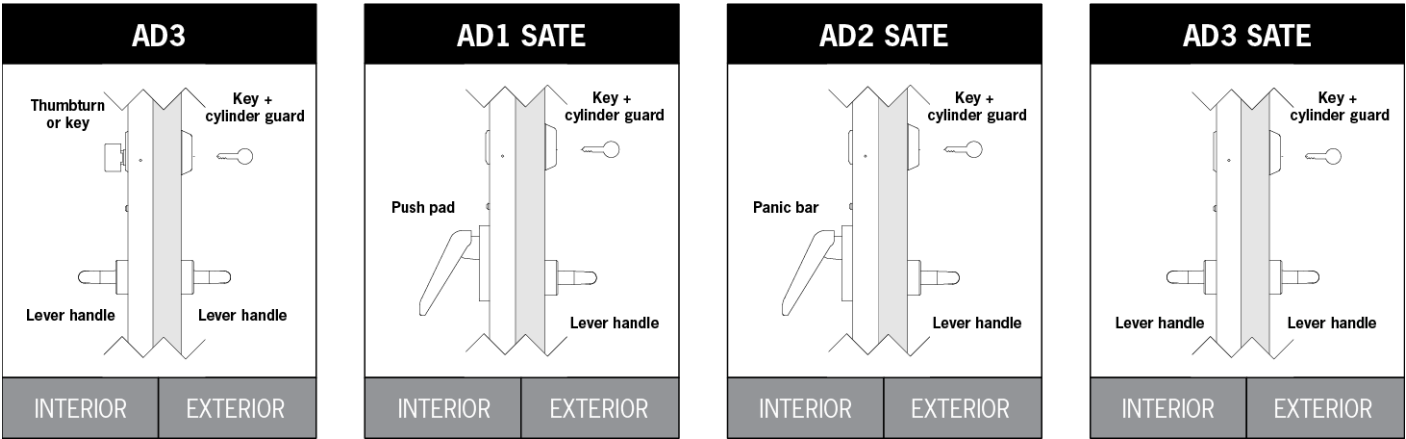
The MICO EVO has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO EVO-3 AD3



Range	Bolts	Exit	Entry	Additional Options
MICO EVO	2	AD3 – Thumbturn & Lever	Key & lever	USCH2
		AD1 SATE – Push Pad		USCH3
	3	AD1 SATE – Push Pad		USCH4
		AD8 SATE – Stainless steel pad		USCH5
				USCH6

EXAMPLE ENTRY/EXIT DIRECTIONS





EVO MD

The MICO EVO Range of Multipoint, surface fitted locking devices offers Manual Deadlocking (MD) operation, permitting free passage during working hours and deadlocking via key or thumbturn at the close of business.

The MD Range can also be specified with single action to escape (SATE) via push pad or heavy duty lever to meet the mandatory BS EN 179 Emergency Escape standards.

External key access is provided as standard on the MD Range from LPS 1175 SR2 up to SR6 rated cylinder guard protection.



EVO-3 MD 3



EVO-3 MD 3 SATE

OPERATION

Entry Method: Mechanical key entry via external key cylinder and lever. (To suit Scandinavian Oval Rim Cylinder as standard, other profiles available on request).

Exit Method: Thumbturn or key cylinder and lever handle or SATE - single action to escape at all times, push pad or heavy duty lever handle.

FEATURES

- Tested to over 1,000,000 cycles
- Surface fitted
- Manual deadlocking upon door closure
- 2 & 3 point bolting options
- Optional Bolt & Deadlock status micro-switch

BENEFITS

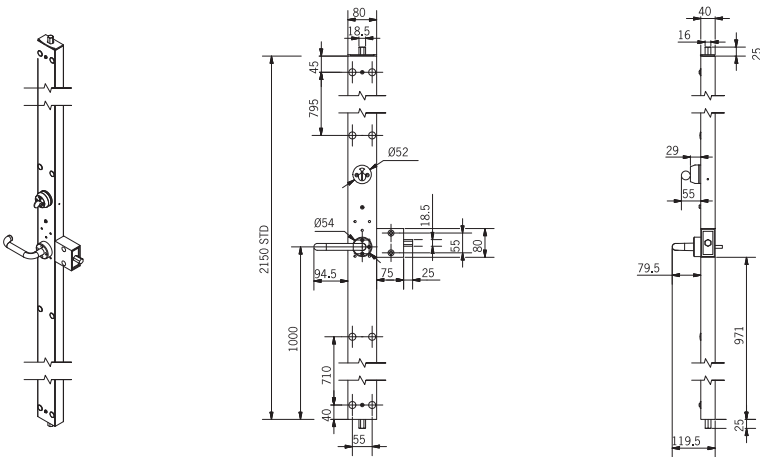
- Tested and approved up to LPS 1175 SR6 (on selected doorsets)
- Emergency escape versions fully tested and certified to BS EN 179:2008 and CE Marked



Product Performance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly																								
LPS 1175									SECURITY															
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 Min									300 SEC															
15 Min									240 SEC					60	RC6	BR6								
10 Min									180 SEC						RC5	BR5		SRB	EN 1125	EN 1522 FB1-7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL
5 Min									120 SEC					15	RC4	BR4						EN 1634-1	GR4	
3 Min									60 SEC						RC3	BR3			EN 179	UL 752 Level 1-10			GR3	500K
1 Min									30 SEC					5	RC2	BR2		SRA		UL 752 Level 1-4	ASTM F2927 Cat 1	CERTIFIRE	GR2	
															RC1	BR1			UL 305	NIJ 0108.01 Level 1-4		BS 476-22	GR1	200K



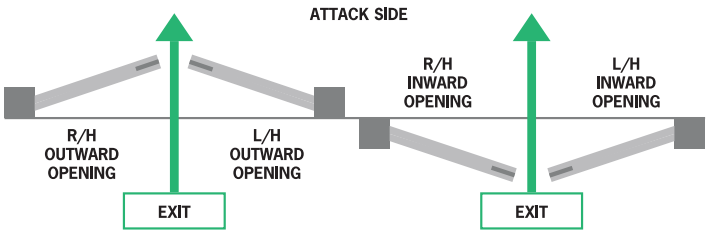
TECHNICAL DRAWINGS



CODING SYSTEM

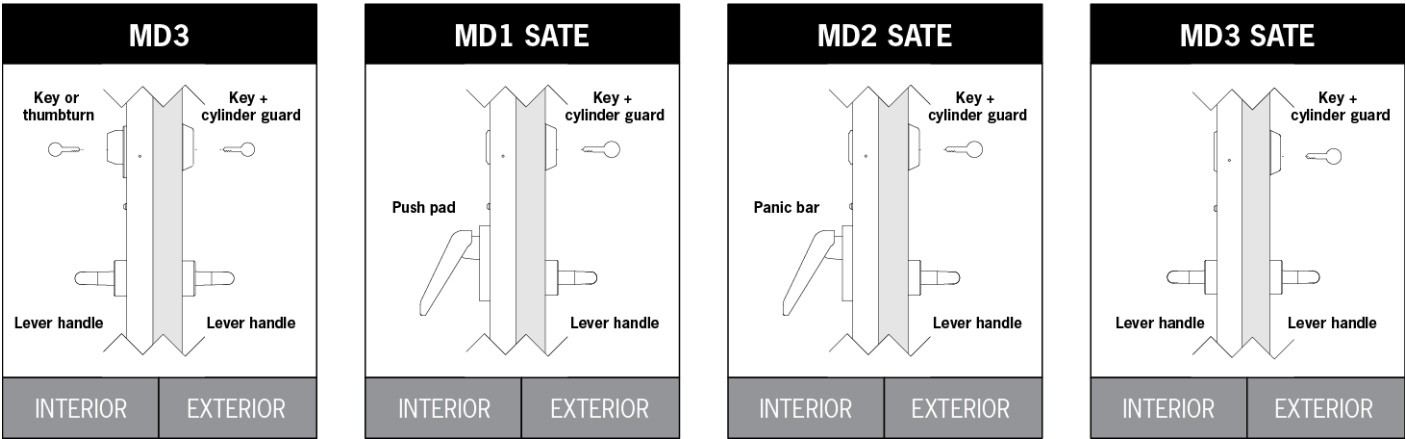
The MICO EVO has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO EVO-3 MD3



Range	Bolts	Exit	Entry	Additional Options
MICO EVO	2	MD3 – Key Cylinder / Thumbturn & Lever	Key & lever	USCH2
		MD1 SATE – Push Pad		USCH3
	3	MD3 SATE – Heavy duty lever		USCH4
				USCH5
		MD8 SATE – Stainless steel push pad		USCH6

EXAMPLE ENTRY/EXIT DIRECTIONS





EVO EM

The MICO EVO EM Range of Multipoint, surface fitted, fail secure **Electro-Mechanical (EM)** locking devices are suitable for use with all proprietary 12v access control system application where high security is an important consideration.

The EM Range can be specified in either a swipe in/swipe out access control configuration or with external swipe in and internal single action to escape (SATE) via push pad or heavy duty lever to meet the mandatory BS EN 179 Emergency Escape standards.

External mechanical key override is provided as standard on the EM Range from LPS 1175 SR2 up to SR6 rated cylinder guard protection.



EVO-3 EM 3

OPERATION

Entry Method: Swipe in access control with heavy duty lever handle. Mechanical key override fitted as standard.

Exit Method: Swipe out access control with heavy duty lever handle plus mechanical breakdome/thumbturn/lever override function. Optional SATE - single action to escape at all times via push pad or heavy duty lever handle.

FEATURES

- Tested to over 1,000,000 cycles
- Surface fitted
- Electro-mechanical locking
- 2 & 3 point bolting options
- Optional Bolt & Deadlock status micro-switch

BENEFITS

- Tested and approved up to LPS 1175 SR6
- Emergency escape versions fully tested and certified to BS EN 179:2008 and CE Marked



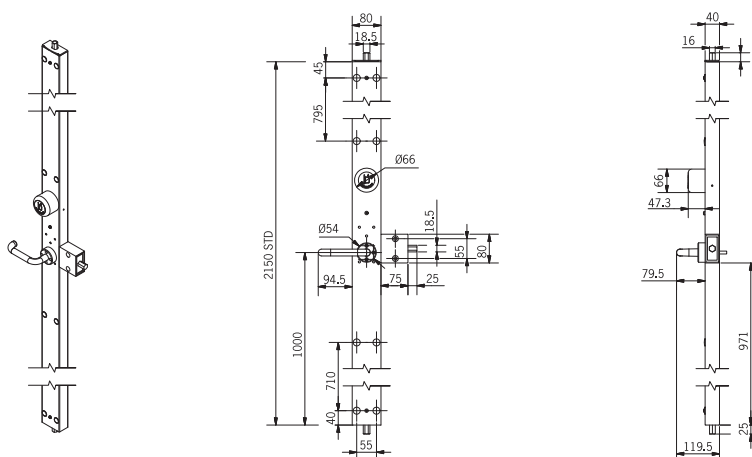
EVO-3 EM 1 SATE



Product Performance Chart - Indicates product has been certificated or tested & approved as part of a complete doorset assembly																									
LPS 1175									SECURITY																
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202	PAS 24	LPS 2081	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES	
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	UL 10C	GR5	1 MIL	
15 Min									240 SEC					15	RC5	BR5			EN 179	UL 752 Level 1-10	ASTM F2927 Cat 1	EN 1634-1	GR4	500K	
10 Min									180 SEC						RC4	BR4	SRA	UL 305	NIJ 0108.01 Level 1-4	CERTIFIRE		GR3	200K		
5 Min									120 SEC					RC3	BR3						GR2				
3 Min									60 SEC					5	RC2	BR2					GR1				
1 Min									30 SEC						RC1	BR1									



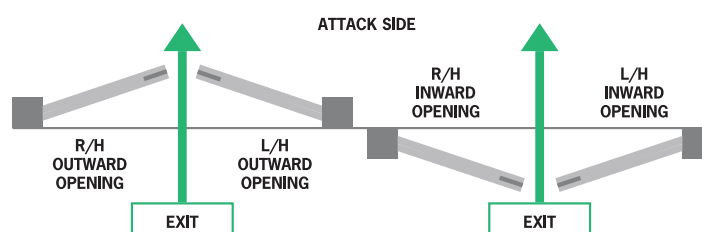
TECHNICAL DRAWINGS



CODING SYSTEM

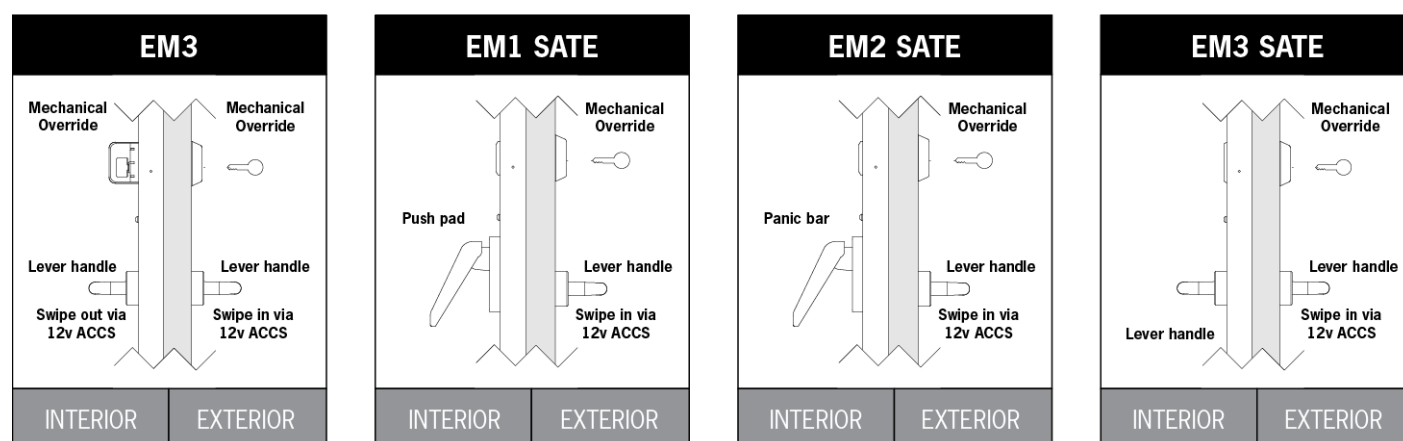
The MICO EVO has a simple code that covers the chosen methods of entry and exit, followed by additional options.

Example Order Code – MICO EVO-3 EM3



Range	Bolts	Exit	Entry	Additional Options
MICO EVO	2	EM3 – Access Control & Lever	Key & lever	USCH2
		EM1 SATE – Push Pad		USCH3
	3	EM3 SATE – Heavy duty lever		USCH4
				USCH5
		EM8 SATE – Stainless steel push pad		USCH6

EXAMPLE ENTRY/EXIT DIRECTIONS





Assessed to ISO 9001
LPCB Cert. No. 608

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