

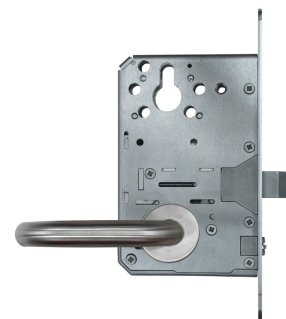


# Modula EM

The MICO Modula EM Range of single-point, mortice fitted, fail secure **electro-mechanical** 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 SATE single action to escape via push pad, panic bar or sprung lever handle to meet the mandatory BS EN 179 Emergency Escape and BS EN 1125 Panic Escape standards.

External mechanical key override is provided as standard on the EM Range with optional PAS24 or LPS 1175SR2 rated cylinder guard protection.



Modula EM 4

## OPERATION

**Entry Method:** Swipe in access control with sprung lever handle plus mechanical Euro-profile key override function.

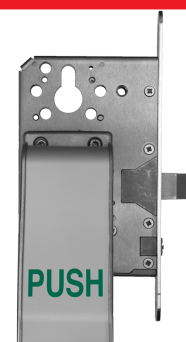
**Exit Method:** Swipe out access control with lever handle plus mechanical breakdome/thumbturn/lever override function. Optional SATE single handed means of escape at all times from inside via push pad, panic bar or emergency escape sprung lever.

## FEATURES

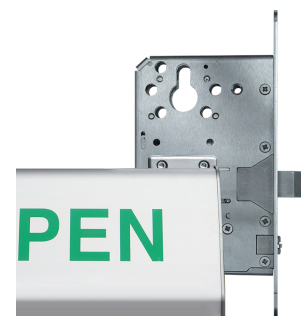
- Tested to over 1,000,000 cycles
- Mortice fitted
- Adjustable roller bolt snib to take up variants in frame gap
- Electro-mechanical locking
- Bolt & Deadlock status micro-switch fitted as standard
- RTE - Request to exit available on request

## BENEFITS

- Robust, heavy duty, mortice fitted lock case and furniture design for high traffic usage
- Built in anti-thrust mechanism for enhanced security
- Emergency escape versions fully tested and certified to BS EN 179:2008 and CE/UKCA Marked
- Panic escape versions fully tested and certified to BS EN 1125:2008 and CE/UKCA Marked
- External Cylinder protection options to meet PAS24 or LPS 1175 SR1 & SR2 on selected doorsets



Modula EM 1 SATE



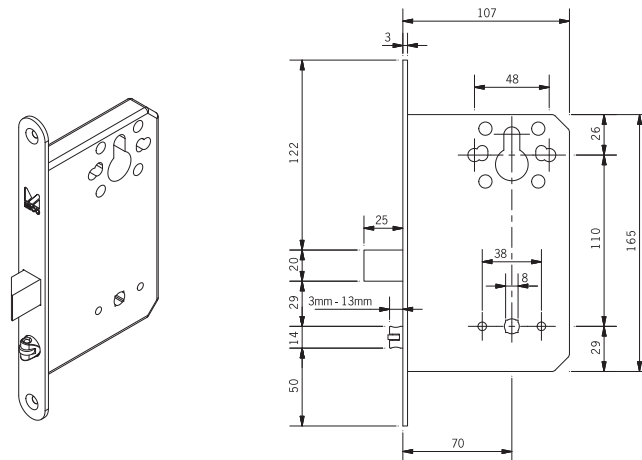
Modula EM 2 SATE



| 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        | A300E | B300E |      |      | 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 1634-1 | GR4    |      |  |           |     |
| 10 Min                                                                                                                          |     |     |     |     |     |     |     |     | 180 SEC        |       |       |      |      | 15         | RC4     | BR4     |        |          |         |                      | EN 179              | UL 752 Level 1-10 |           | GR3    | 500K |  |           |     |
| 5 Min                                                                                                                           |     |     |     |     |     |     |     |     | 120 SEC        |       |       |      |      |            | RC3     | BR3     | PAS 24 | SRA      | UL 305  | NJ 0108.01 Level 2-3 | ASTM F2927 Cat 1    | CERTIFIRE         | GR2       | 200K   |      |  |           |     |
| 3 Min                                                                                                                           | A3  | B3  |     |     |     |     |     |     | 60 SEC         |       |       |      |      | 5          | RC2     | BR2     |        |          |         |                      |                     |                   |           |        |      |  | BS 476-22 | GR1 |
| 1 Min                                                                                                                           |     |     |     |     |     |     |     |     | 30 SEC         |       |       | C30E | D30E |            | RC1     | BR1     |        |          |         |                      |                     |                   |           |        |      |  |           |     |



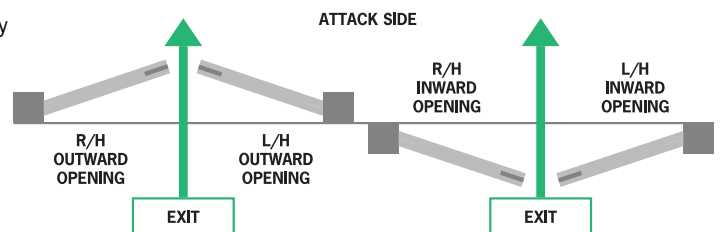
## TECHNICAL DRAWINGS



## CODING SYSTEM

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

**Example Order Code – MICO Modula EM4**



| Range       | Bolts | Exit                                          | Entry       | Additional Options |
|-------------|-------|-----------------------------------------------|-------------|--------------------|
| MICO MODULA | 1     | EM4 – Access Control & Lever                  | Key & lever | MICO PSCH1         |
|             |       | EM1 SATE – Push Pad                           |             | MICO ASCH2         |
|             |       | EM2 SATE – Push Plate                         |             |                    |
|             |       | EM4 SATE – Lever Handle                       |             | MICO LSCH2         |
|             |       | EM6 SATE – Stainless steel panic bar          |             |                    |
|             |       | EM8 SATE – Stainless steel emergency push pad |             |                    |

## EXAMPLE ENTRY/EXIT DIRECTIONS

