MT6985M EN Electromechanical Lock

🔖 Compliance with EN standards

EN 179:2008 - Emergency exit

EN 1634-1:2014 - Fire rated up to 4 hours
EN 12209:2003/ AC:2005 -
Building hardware. Lock and latches.
Mechanically operated locks, latches,
and locking plates
EN 14846:2008 - (solenoid only)
Building hardware. Lock and latches.
Electromechanically operated locks, latches,
and locking plates

One-Way Latch

🔖 Application

BSI EN Electromechanical Lock MT6985M
consists the range of comprehensive functions
that meet most security and locking application.
This lock is suitable to be used in commercial or
office buildings, public buildings and hotel.
Typical applications are:

- Hotel Room
- Monitoring Door
- Office Door
- Security Door
- Private Door

The lock can meet various area and function
requirements. Optional solenoid and motor for
multi-usability. Easy egress from inside whilst
maintaining outside security.

Two-Way Latch

🔖 Features

- Interchangeable handing
- Self-locking: Dead bolt throws out automatically when the door closed.
- Secured locking: in the locked state the dead bolt is thrown out and the latch need to be locked in position. Door secured locking in two points.
- Adjust lock inside, outside, or both side by removing, or keeping the hub screw.
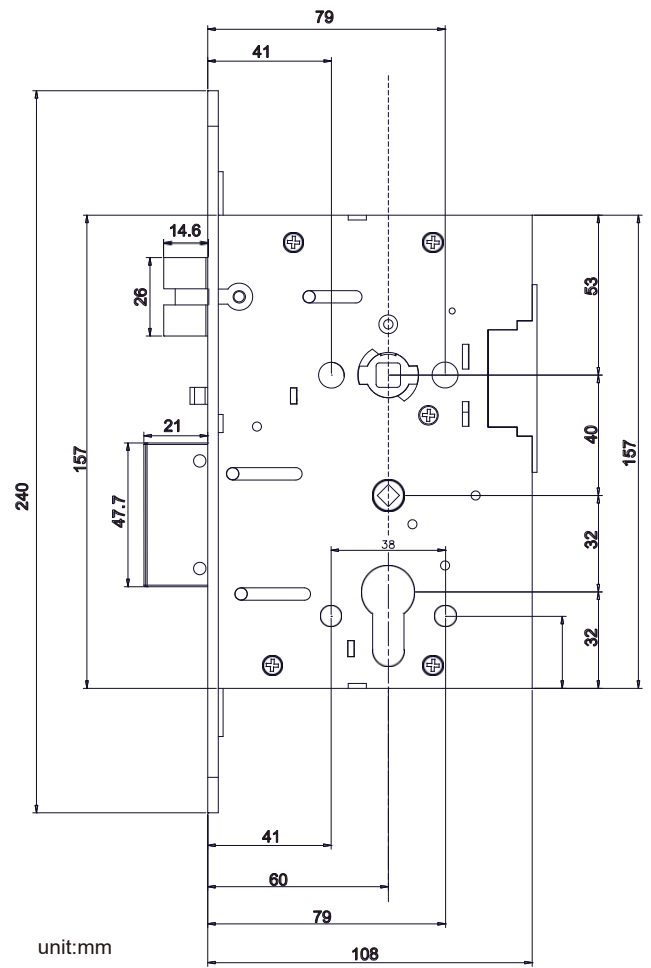- Fitted to swing doors, LH/RH, LHR/RHR handing by changing the latch direction.

Specifications

Operating Voltage	6VDC
No-load Current	150 mA MAX.
Operation Temperature	-20°C ~ 60°C
Bolt Throw	21mm (Deadbolt), 14.6mm (Latch bolt – handy field adjustable)
Backset / Cylinder to Handle	60mm/ 72mm
Forend	24mm
Handle Spindle	8mm
Finish	Satin Stainless Steel
Settable Function	Mechanical function– handing of trigger bolt, electrically controlled side
Monitoring Outputs	a. Latch b. Auxiliary Latch c. Deadbolt d. Cylinder e. Request-to-Exit

Integrated Connector

unit:mm

Wiring Diagrams

| Motor | RED 1 |
| | BLACK 2 |

Latch	NO	Yellow
	NC	Blue
Aux Latch	NO	Violet
	NC	White
REX	NO	Grey
	NC	Red/White
	COM	Pink

Deadbolt	NO	Green
	NC	Black/White
Cylinder	NO	Orange
	NC	Brown
	COM	Brown/White

WHAT'S NEXT?