

MT6985S 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 -

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Electromechanically operated locks, latches,
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Application

BSI EN Electromechanical Lock MT6985S 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.

Features

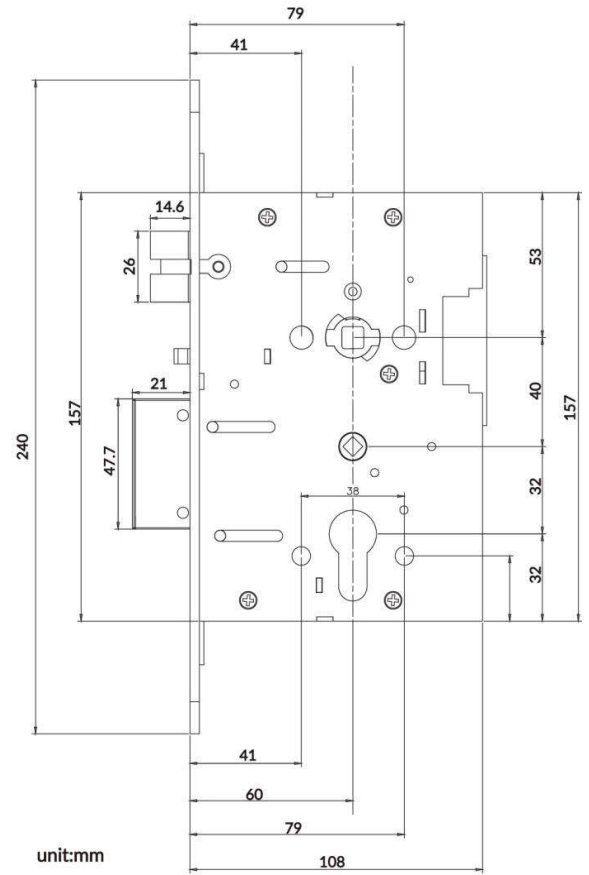
- Interchangeable handing
- Field selectable Fail Safe / Fail Secure configuration
- Field selectable operating voltage: 12/ 24 VDC
- Self-locking: Dead bolt throws out automatically when the door closed.
- Secured locking: in the locked state the dead bolt is thrown out and the latch need to be locked in position. Door secured locking in two points.



Specifications

Operation Voltage	12VDC/ 24VDC
Current	Max 0.6 (12VDC), 0.3(24VDC)
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
Electrical Function	Fail Secure / Fail Safe
Monitoring Outputs	a. Latch b. Auxiliary Latch c. Deadbolt d. Cylinder e. Request-to-Exit

Integrated Connector



Wiring Diagrams

Power 12V/24V field selectable
(24V-Remove the jumper)

