

Electrified Mortise Locks with Deadbolt – M Series

Model No. 3485



Applications

Security and restricted access areas in the engineering rooms, computer rooms, hospital equipment, cashier rooms, laboratories, radar control rooms, telephone equipment rooms, narcotics rooms, and any security control center.

Regulating Device

- This lock can be used by keypad access controls, access card readers, security consoles, automatic time devices and computerized controls.
- All installations should be in accordance with your local electrical codes or National Electrical code NFPA70 in USA.

Electrical Specifications

- Voltage: 12 or 24 VDC
- Current: 0.3A at 24VDC or 0.6A at 12VDC
- Operation Temperature:
Max. + 140 °F(+60 °C) , Min. -22 °F (-30 °C)

Electrified Functions

EL: Electrically Locked (Fail Safe)

EU: Electrically Unlocked (Fail Secure)

Model No. 3485

- Latchbolt retracted by lever from either side unless outside lever is locked by key from outside.
- Deadbolt projected or retracted by key outside.
- Latchbolt retracted by key outside.
- Operating inside lever retracts both deadbolt and latchbolt simultaneously.
- Deadbolt projected or retracted by inside thumbturn.
- When deadbolt projected by inside thumbturn, outside lever becomes inoperative automatically.
- Inside lever is always free for immediate egress.
- Auxiliary latch deadlocks latchbolt when door is close.

No. 3485EL - Power ON, outside lever is locked by solenoid.

No. 3485EU - Power ON, outside lever is unlocked by solenoid.

Monitoring options

- REX(RX) – REX switch monitors the lever. It alerts when the lever rotates.
- DM – It monitors the deadbolt.

Certifications

- Meet ANSI A156.13 Series 1000 Grade 1 requirement
- UL and cUL listed to Canadian safety standard for A label (3-hour fire door)
- Meet UL 10C and UBC 7-2(1997) requirements

