

M9134ELR OPERATING INSTRUCTIONS

MOTOR DRIVE ELECTRIFIED LATCH RETRACTION

Rotating inside handle or using electronics simultaneously retract latch and deadbolt (when extended).*

Latch bolt by key outside or using electronics, egress by handle inside.

Deadbolt manually projected by thumb turn inside or key outside.

Outside trim (if applicable) is always rigid.

FAIL SECURE OPERATION ONLY:

Latch retracts when power is applied.

Key Cylinder (by others) will override electronics to retract latch bolt and deadbolt.

| 2 CONDUCTOR WIRE RUN | |
|----------------------|------------|
| DISTANCE | WIRE GAUGE |
| 125' | 22 |
| 200' | 20 |
| 350' | 18 |
| 500' | 16 |
| 800' | 14 |
| 1250' | 12 |

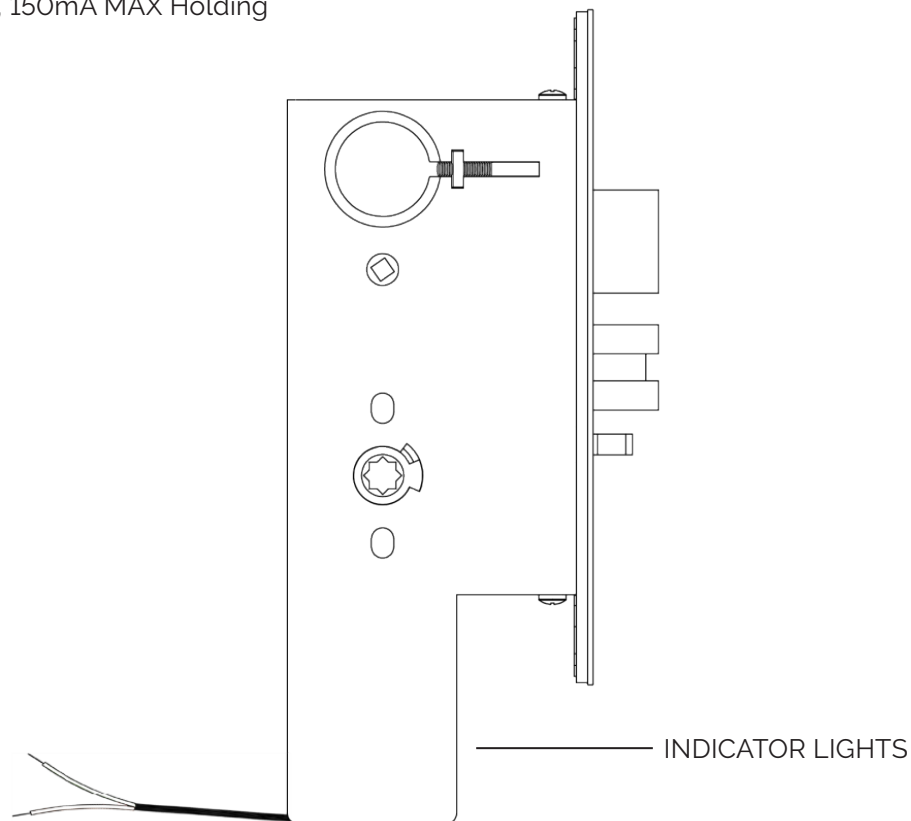
ELECTRICAL SPECIFICATIONS

Filtered and Regulated Power Supply

Voltage: 24VDC (21VDC-30VDC)

Current: 625mA MAX Inrush, 150mA MAX Holding

Non-polarized leads



*For applications requiring the deadbolt not to retract via electronics, please add DM Monitor and program access accordingly.

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| ONBOARD INDICATOR LIGHT ASSIGNMENTS | | | | |
|-------------------------------------|--------------------|-------------|---|---|
| GREEN (POWER) | YELLOW (SENSOR) | RED (ERROR) | INDICATION | POSSIBLE SOLUTION |
| Off | Off | Off | No Power. | Connect the wiring between the power supply and the mortise lock. |
| On | On | Off | Normal Operation. The main latch bolt is retracted to the preset retracted position. The device is allowed 2 attempts. | |
| On | Off | On | Error in operation. The main latch bolt did not retract to the preset retracted position within 2 attempts. | Clear the jam condition manually. |
| On | On | On | Error in operation. Without power being removed, the main latch bolt unintentionally extended from the preset retracted position, and then the main latch bolt did not retract back to the preset retracted position within 2 attempts. | Clear the jam condition manually. |
| On | Blink | On | Error in operation. The main latch bolt did not extend from the preset retracted position when the power was last removed. The device will not attempt a retraction. | Clear the jam condition manually. |
| On | Simultaneous Blink | | Error in operation. The input voltage dropped below the specification during operation. | Decrease the wire run or increase the wire gauge. |
| On | Alternating Blink | | Error in operation. An electronics fault was detected. | An electronics replacement is required. |

Maintain input power to the mortise lock and check the onboard indicator lights.
 Remove input power before attempting a solution.