

M9134ELR OPERATING INSTRUCTIONS

ACSI 1500MLR

M9134ELR 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.

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

KEY FUNCTION

The main latch bolt may be momentarily retracted with a key.

ELECTRICAL SPECIFICATIONS

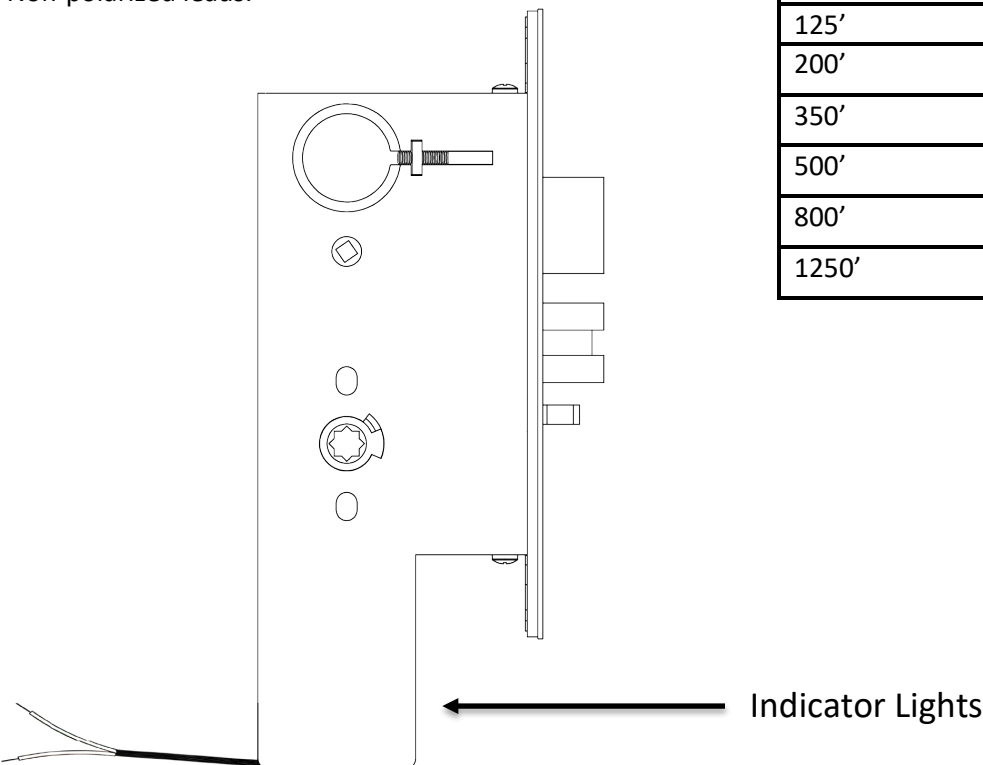
Filtered and Regulated Power Supply.

VOLTAGE: 24VDC (21VDC – 30VDC)

CURRENT: 625 mA MAX Inrush, 150 mA MAX Holding

Non-polarized leads.

2 Conductor Wire Run	
Distance	Wire Gauge
125'	22
200'	20
350'	18
500'	16
800'	14
1250'	12





ONBOARD INDICATOR LIGHT ASSIGNMENTS

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

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.