

II-M1500-21

FOR USE WITH M1520

MORTISE DEAD BOLT LOCKS REQUIRING DEADBOLT EXTENSION TO ELECTRICALLY SECURE LOCK

FUNCTION

THE DEADBOLT MONITORING (DM) IS WIRED TO THE FAIL SECURE SOLENOID SO THAT WHEN THE DEADBOLT IS EXTENDED BY KEY OR THUMB TURN THE SOLENOID CONTROL WILL SECURE THE OUTSIDE LEVER IN THE LOCKED POSITION. RETRACTING THE DEADBOLT WILL ENABLE THE SOLENOID TO UNLOCK THE OUTSIDE LEVER.

ELECTRICAL SPECIFICATION OF SOLENOIDS

NOTE: ALL SOLENOIDS ARE CONTINUOUS DUTY TYPE. KEEP OPERATING VOLTAGE AT
+ / - 10% OF RATED VOLTAGE.

VOLTAGE	AMP
12 VAC/DC	.612 A
12 VDC	.612 A
24 VAC/DC	.330 A
24 VDC	.330 A

NOTE: RED TY-WRAP ON SOLENOID LEADS DESIGNATES 12 VOLT

ELECTRICAL SPECIFICATION OF MONITORING SWITCH

SPDT MECHANICAL SWITCH

VOLTAGE	CURRENT
125 VAC	3 AMP
30 VDC	2 AMP

WIRING DIAGRAM

