



# ELECTRIC MORTISE LOCK INSTRUCTIONS

## SOLENOID-CONTROLLED ELECTRIC LOCKING/UNLOCKING

### **1510 - Fail Safe (Power Lock):**

Outside trim (or both outside and inside trim depending on the lock function) is locked when power is applied and unlocked when power is removed. Lockset will unlock in the event of a power failure.

### **1520 - Fail Secure (Power Unlock):**

Outside trim (or both outside and inside trim depending on the lock function) is unlocked when power is applied and locked when power is removed. Lockset will lock in the event of a power failure.

### **Key Function:**

The latch bolt may be momentarily retracted with a key even though the lockset is electrically locked.

### **Electrical Specifications:**

Continuous Duty Solenoids

- 12VAC/DC  $\pm$  10%, 612mA
- 12VDC  $\pm$  10%, 612mA
- 24VAC/DC  $\pm$  10%, 330mA
- 24VDC  $\pm$  10%, 330mA

Non-polarized Leads

- Blue (AC/DC)
- White (DC)

2-Conductor Wire Run	
Distance 12V/24V	Wire Gauge
50'/175'	22
75'/275'	20
120'/450'	18
200'/700'	16
300'/1100'	14
500'/1800'	12

