



# ELECTRIC CYLINDRICAL LOCK INSTRUCTIONS

## SOLENOID-CONTROLLED ELECTRIC LOCKING/UNLOCKING

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

Outside trim 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 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%, 250mA
- 24VAC/DC  $\pm$  10%, 150mA

Non-polarized Blue Leads

2-Conductor Wire Run	
Distance 12V/24V	Wire Gauge
120'/400'	22
175'/600'	20
300'/1000'	18
475'/1600'	16
750'/2500'	14
1200'/4000'	12

