NOISE BARRIERS

QuietSwing™ Sound Control Doors

Door Hardware - Electrified Locks

Electrified Locks

L9080PEL
L9080PEU

Applications: Security control centers, cashier rooms, fire safety alarms, stairwell doors, telephone equipment rooms, computer rooms, hospital equipment, and narcotics areas.

Regulating Devices: Security alarms, wall switches, security consoles, access card readers, thermo-sensitive devices, smoke and fire alarms, telephone access controls, automatic time devices, and computerized controls.

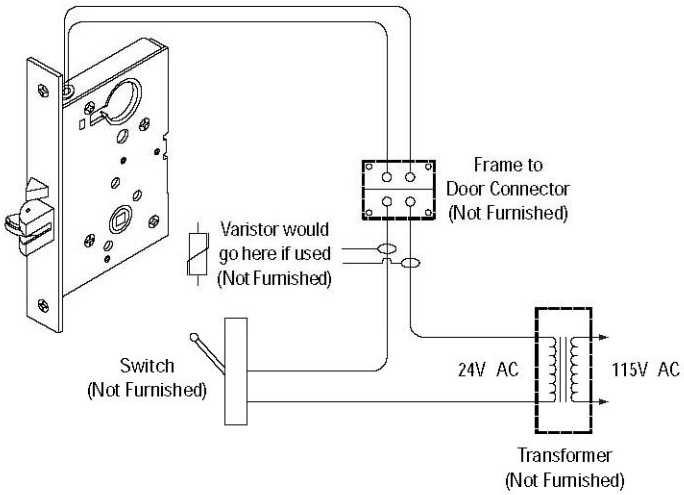
All installations should be in accordance with local electrical codes and National Electrical Code, NFPA 70-1996.

Electrical Requirements for EL or EU
Voltage: 24V AC or 24V DC (Maximum 29V, Minimum 20V)
Peak Current: Amps 1.3 at 5 to 10 second intervals
Holding Current: Amps .135 between peak current intervals.
Operating Temperature: Maximum +151°F, Minimum -31°F

Micro Switch Electrical Requirements for Request to Exit (RX) Function
Amps, 1.0; Volts, 24 AC or DC
Peak load: Amps, 5; Volts, 250 AC or 28 DC

Replacement Kit
L283-053–Solenoid and Driver, EL or EU

Typical Wiring Diagram for Electrified L-Series Locks



Typical Installation

- Electrified L-Series locks contain a transistorized circuit which provides full voltage to the solenoid upon initial application of electrical power and at 5 to 10 second intervals.
- Each lock should preferably have its own 24 volt transformer. Two or more locks may be operated in parallel from a single transformer provided it has the necessary current rating.

  NOTE: DO NOT connect locks in series from a higher voltage rated transformer.
- We DO NOT recommend that these locks be connected to a supply circuit that also contains electromagnetic devices. If an electromagnetic device is connected to the supply circuit the resulting transient voltages could damage the lock. The transient voltage must be carefully suppressed at the equipment producing them before connecting the lock to the same circuit.
- A varistor rated at 35 volts (peak recurrent) may be used for transient voltage protection.