Electric Latch Retraction



Available for all Series Devices

The ELR option provides remote Latch Retraction of exit devices. Continuous duty solenoids retract the Latchbolt(s) for momentary unlatching or continuously for dogging. The ELR feature can be interfaced with automatic door operators, card readers, push buttons, toggle/key switches, and fire alarm systems.

- ELR option REQUIRES ELR150 Series Power Supply.
- UL Listed for Panic and Fire for Class II Circuitry.
- ELR can be used in combination with all Precision options .including Hex Key or Cylinder Dogging. ELR option is not available for (DE) Delayed Egress Devices.

Door Widths –
3 Device - 2-7 to 3-0 Door
4 Device - 3-1 to 4-0 Door

The Power Supply model number is determined based on the number of devices requiring electrical power.
See To Order ELR150 Power Supply below.

To order: specify prefix "ELR" (e.g. ELR2108)

ELR Conversion Kit

A standard device can be retrofit to the Electric Latch Retraction option by ordering the kits listed below. An ELR Conversion Kit REQUIRES an ELR150 Series Power Supply.

To Order:

Wide Stile Devices		Narrow Stile Devices	
3-0	ELRK-3, ELRKF-3	**3-0**	NELRK-3, NELRKF-3
4-0	ELRK-4, ELRKF-4	**4-0**	NELRK-4, NELRKF-4

Note: Power may be supplied through a 4-wire continuous circuit hinge (furnished by others).

Solenoid Specifications

Current Pulse (2 seconds max.) ..... 4.75 Amp.
Continuous ..... 3.6 VDC / 0.8 Amp.

To Order: ELR150 Power Supply – The model number is determined based on the number of devices requiring electrical power.

ELR150 – Power Supply, no control modules

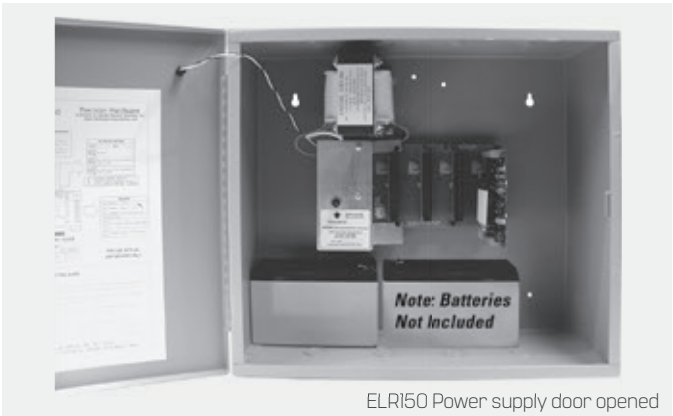
ELR151 – Power Supply including (1) control module to control (1) exit device

ELR152 – Power Supply including (2) control modules to control (2) exit devices

ELR153 – Power Supply including (3) control modules to control (3) exit devices

ELR154 –Power Supply including (4) control modules to control (4) exit devices

To order power supply with Battery Backup: specify suffix BT (e.g. ELR151BT



ELR150 Power supply door opened



ELR150 Power supply door closed

ELR150 Series Power Supply

The ELR150 Series is a power supply REQUIRED to control ELR Devices. The power supply contains a Motherboard that will accept up to four plug-in Control Modules. Each Control Module (part #CM150-08) controls one ELR Device and includes a Time Delay Feature. The Time Delay provides a variable (0 - 4 minutes) Latch Retraction period in response
to a momentary input.

Specifications

- UL Listed for Class II Output.
- UL 294 - Conforms to U.L. 294 Standards incorporating enhanced Access Control communication capabilities.
- Circuit breakers provide protection for Motherboard.
- 115 or 230 Volt user selectable switch.
- A.C. Input = 115 Volts at 1 Amp.
- Battery Back-up / Power Tap available (see page 23).
- LED Indicator - Provides clear indication that power is available to the supply.
- Keyed Cabinet - To maintain safety and security, each Power Supply is equipped with a preinstalled key-cylinder.
- Includes lockable box with key lock.
- Dimensions: 16" W x 14" H x 6" D.
- Weight: 15 lbs.