

Energy Master Series Advanced Lighting Control System



Energy Master 120-347 Volt Relay Modules

Intermatic offers a variety of relay configurations for different applications including the demands of today's high-efficiency ballast loads. Each relay is individually removable from the insulating track, where it is mounted within the relay panel. All relays are UL and CUL 916 listed as well as ETL Listed to UL Standard 924.

Model EMSLNC - Normally Closed Latching Relay

Model EMSLNO - Normally Open Latching Relay

Load Ratings

Ballast: 30A @ 277VAC

Tungsten: 20A @ 120VAC

Ballast: 20A @ 347VAC

Performance Ratings

Maximum conductors: 2 each # 8AWG per lug

Short circuit current rating: 18,000 Amps @ 277VAC

Cycle rating: 250,000 Cycles

Energy Master 120-347 Volt Relay Modules

The 600 volt double-pole relay occupies the footprint of two standard single-pole relays when mounted in a EM1400 Series panel. The 600 volt relay is ideal for 277/480v (347/600 in Canada) HID loads and eliminates the need to have relays controlling lighting contactors.

Model EMSL600NC - Normally Closed Double-Pole 600 Volt Relay

Model EMSL600NO - Normally Open Double-Pole 600 Volt Relay

Load Ratings

Ballast: 20A @ 600VAC

Motor: 1HP @ 120/208 or 120/240VAC, 2HP @ 277/480VAC
(or 347/600VAC in Canada)

Performance Ratings

Maximum conductors: 2 each # 8AWG per lug

Short circuit current rating: 5,000* Amps @ 600VAC

**Implied SCCR for all UL 50 or UL 916 products is 5000 amps.*

This relay has not been tested to any specific SCCR.



EMSLNC & EMSLNO



EMSL600NC & EMSL600NO