



# SiteMaster Lighting Panels



## SiteMaster Site Lighting Control Panels

These heavy duty lighting control panels are designed for harsh environmental and lighting load conditions. Features include; Pre-wiring for quick installation, heavy-duty NEMA 3R enclosures, mercury or "Ice Cube" relays, agency approved disconnect, 40, 80, 120 Amp design, locking hasps, and dead-front storage. Mechanical or electronic timing, lightning arrester, photo control, and stainless steel options.

### SM2200 Series Specifications

Gasketless panel with two 20 Amp DPST Relays. Pre-wired with one 20 Amp double-pole Square D Homeline™ main breaker. 120 V output: one twin 20 Amp breaker & one single-pole 20 Amp breaker (for 240 V output- quad breaker with common trip on outside and inside). Capable of controlling 40 Amps @ 120 V and 20 Amps @ 240 V or 12- 400 Watt HID fixtures.

### SM4400 Series Specifications

Gasketless panel with two 20 Amp DPST Relays. Pre-wired with one 40 Amp double-pole Square D Homeline™ main breaker. 120 V output: Six single-pole 20 Amp breakers (240 V output: three double-pole 20 Amp breakers). Capable of controlling 80 Amps @ 120 V and 40 Amps @ 240 V or 24- 400 Watt HID fixtures.

### SM6600 Series Specifications

Gasketless panel with one 60 Amp DPST mercury relay. Split buss service- Upper buss. 120 V output: Pre-wired with one 60 Amp double-pole Square D Homeline™ main breaker and one single pole 20 Amp breaker (240 V output: one 60 Amp double-pole and one 20 Amp double-pole breaker) Lower Buss - for load connections. Eight single-pole 20 Amp breakers (for 240 V output - four double-pole breakers). Capable of controlling 120 Amp @ 120 V and 60 Amps @ 240 V or 36- 400 Watt HID fixtures.

### SM6240DOT & SM6277DOT Series Specifications

Gasketless 14 AWG stainless-steel panel with 3-point locking system. SM6240DOT: 60 Amp DPST mercury relay. Split buss service- Upper buss. 120 V output: Pre-wired with one 60 Amp double-pole Square D Homeline™ main breaker and one single-pole 20 Amp breaker. Lower Buss - for load connections: Four double-pole 20 Amp breakers. Capable of controlling 60 Amps @ 240 V or 36- 400 Watt HID fixtures. Pre-installed 15 Amp GFCI duplex convenience receptacle. SM6277DOT: 60 Amp 3PST mercury relay. Input power 480/277 V 3-Phase: Pre-wired with one 60 Amp 3-Phase main breaker and one single-phase 20 Amp breaker. Load Output: Six 20 Amp 277 V Single-Phase breakers. Capable of controlling 180 Amps @ 277 V or 54- 400 Watt HID fixtures.

### Engineering Specification

#### Site Lighting Control Panel

The site lighting control panel shall incorporate agency approved disconnect means with lockout capability, branch circuit breakers for feeding connected lighting loads, electrically held contactor suitable for switching attached loads, and timing mechanism for control of said contactor. The control panel shall be pre-wired for installation convenience and reliability. The control panel shall be designed to accept a variety of timing mechanisms including mechanical and electronic. The control panel and all related components shall operate over a temperature range of -31°F (-35°C) to 130°F (54°C). The capacity of each branch circuit within the control panel shall be 20 amps minimum. The control panel shall be a lockable steel NEMA 3R enclosure. The control panel shall be INTERMATIC Model \_\_\_\_\_ (SM2200x-x 2-branch; 4,800 Watt HID) (SM4400x-x 6-branch; 9,600 Watt HID) (SM6600x-x 8-branch; 14,400 Watt HID) (SM6240DOT) (SM6277DOT).

### Applications:

- Schools
- Offices
- Airports
- Stores
- Hotels
- Restaurants
- Factories
- Apartments
- Electrical Utilities
- Municipalities

### For Controlling:

- Roadway Lighting
- Parking Structures
- Parking Lots
- Billboards
- Entertainment Venues
- Ball Fields
- Driving Ranges
- Parks
- Outdoor Area Lighting



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LR3730



-40°F  
(-40°C)  
to  
130°F  
(54°C)