

# GLXP-HSW12

## 12 Channel High-Inrush Switch Module

The GLXP-HSW12 is a Crestron® Green Light® switching module which features 12 channels of high-inrush power switching with rugged, high-current latching relays. The module is part of a complete Crestron engineered GLPS Green Light switching panel.

For more information on Crestron Green Light commercial lighting products, please contact Crestron Sales Support Services.

- > 12 channels of high-inrush power switching
- > Rugged, high-current latching relays
- > Supports 100 to 277 Volt applications
- > 16 Amp, 1 HP load rating per channel
- > Arc-less switching
- > Positive air gap at each output
- > Phase-independent channels
- > Cresnet® communications
- > Redundant power capability—module powered via line or Cresnet
- > Local controls for testing and verification
- > Local and remote override capability
- > Non-volatile power failure memory
- > GLEP cabinet installation

### SPECIFICATIONS

#### Load Ratings

Switch Channels: 12

**Per Channel:** 16 Amps @ 100 to 277 Volts AC, 50/60 Hz;

0.5 HP @ 120 Volts, 1 HP @ 230 Volts, 1 HP @ 277 Volts

**Switch Load Types:** Incandescent, Magnetic Low-Voltage, Electronic Low-Voltage, Neon/Cold Cathode, Fluorescent Ballast, High-Intensity Discharge, LED, Motor

**Relay Lifetime:** 1,000,000 on/off operations at full electronic ballast load

#### Power Requirements

**Primary:** 100-277 Volts AC, 50/60Hz, supplied via channel 1 (L1, N1)

**Secondary (optional):** 5 watts at 24 Volts DC, supplied via Cresnet®

#### Connectors

**NET:** (2) 5-pin headers; connect to adjacent module or internal connecting block using interconnect cable (block and cable provided)

**N1:** (1) terminal block, line input neutral

**L1-L12:** (12) terminal blocks, line power inputs

**SW1-SW12:** (12) terminal blocks, switch channel outputs



Note: Line power terminal blocks accept 10-14 AWG wire; torque to 4.43 lb-in (0.5 Nm);

#### Controls & Indicators

**NET ID:** (2) 7-Segment green LED digits and (2) miniature pushbuttons for setting Cresnet ID;

**SETUP:** (1) Red LED and (1) recessed miniature pushbutton for enabling setup mode and touch-settable ID

**OVR:** (1) Red LED and (1) miniature pushbutton for enabling override mode and saving override presets

**PWR:** (1) Green LED; solid illumination indicates line power is applied to N1 and L1; flashing indicates Cresnet power is supplied in absence of line power

**NET:** (1) Yellow LED; indicates communication with control processor

**RESET:** (1) Recessed miniature pushbutton, resets internal processor

**ON/OFF:** (12) Red LEDs and (12) miniature pushbuttons for individual manual channel activation

#### Enclosure

Surface mount module with (2) integral mounting flanges; mounts in a GLEP enclosure; (-LP) mounts in a GLEX enclosure

#### Environmental

**Temperature:** 32° to 104°F (0° to 40°C)

**Humidity:** 10% to 90% RH (non-condensing)

**Heat Dissipation:** 160 BTU/Hr

#### Dimensions

**Height:** 11.07 in (282 mm)

**Width:** 9.5 in (241 mm) including mounting holes

**Depth:** 4.78 in (121 mm) including standoffs

**Depth (-LP only):** 3.07 in (78 mm)

# GLXP-HSW12 12 Channel High-Inrush Switch Module

## **Electrical Regulatory Certifications**

UL508, Section 41 (Endurance Test) and Section 61C (Electronic Ballasts)

UL924, Emergency Power Equipment

IEC60669-2-1, Section 19.102 (Contact mechanisms incorporated in electronic switches, intended for fluorescent lamp circuits or other capacitive loads)

SCCR Rating - 18kA

CE