

# GLXP-SW16-LP

## 16-Channel Switch Module, Low Profile



- 16 channels of power switching
- Mechanically-latching relays
- Positive air gap at each output
- Supports 100–277 VAC applications
- 16 A, 1 HP load rating per channel
- Phase-independent channels
- Cresnet® communications
- Redundant power capability—module powered via line or Cresnet
- Front-panel controls for testing and verification
- Local and remote override capability
- Low-profile design
- Non-volatile power failure memory
- Mounts in a GLEX Series lighting enclosure

The Crestron® GLXP-SW16-LP is a Crestron Green Light® switching module which features 16 independent channels of power switching with mechanically-latching relays. Each channel is rated to control a 16 A lighting load or 1 HP motor.

### Override Input

Send an override signal from the control system to set all output channels to their preset override level. Override mode can also be triggered from the front-panel of the GLXP-SW16-LP. Override levels can be adjusted and saved using the front-panel controls or via software.

### Cresnet® Communications

The GLXP-SW16-LP communicates with a Crestron control system using the Cresnet control network. A pair of Cresnet ports are provided on the GLXP-SW16-LP to allow easy daisy-chaining of several Crestron devices.

## Specifications

### Load Ratings

**Switch Channels:** 16

**Per Channel:** 16 A @ 100–277 VAC, 50/60 Hz;  
0.5 HP @ 120 VAC, 1 HP @ 230 VAC, 1 HP @ 277 VAC

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

**Relay Lifetime:** Resistive rating: 100,000 on/off operations, 50 A @ 277 VAC;  
General rating: 50,000 on/off operations, 16 A @ 120/277 VAC

### Power Requirements

**Primary:** 100–277 VAC, 50/60Hz, supplied via channel 1 (L1, N1)

**Secondary (optional):** 5 W @ 24 VDC, supplied via Cresnet®

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### 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;  
Accepts 14–10 AWG wire;  
Torque to 4.43 lb-in. (0.5 Nm)

**L1-L16:** (16) terminal blocks;  
Line power inputs;  
Accepts 14–10 AWG wire;  
Torque to 4.43 lb-in. (0.5 Nm)

**SW1-SW16:** (16) terminal blocks;  
Switch channel outputs;  
Accepts 14–10 AWG wire;  
Torque to 4.43 lb-in. (0.5 Nm)

### Controls and 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 (TSID)

**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:** (16) Red LEDs and (16) miniature pushbuttons for individual manual channel activation

### Environmental

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

**Humidity:** 10% to 90% RH (noncondensing)

**Heat Dissipation:** 136 Btu/h

### Construction

Mounts in a GLEX series enclosure using integral mounting flanges

### Dimensions

**Height:** 11.07 in. (281 mm)

**Width:** 9.5 in. (241 mm) including mounting flanges

**Depth:** 3.07 in. (78 mm) including standoffs

### Weight

7.0 lb (112 oz)

### Compliance

UL®508, 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

### Models

#### Available Models

#### GLXP-SW16-LP

16-Channel Switch Module, Low Profile

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or by calling 855-263-8754.

Additional resources can be accessed via the Crestron Commercial Lighting Consultants Partner Portal at [www.crestron.com/about/partner-info/commercial-lighting-consultants](http://www.crestron.com/about/partner-info/commercial-lighting-consultants). For assistance with incorporating this product into a design or specification, please contact the Commercial Lighting Consultant Hotline via email at [clcdesign@crestron.com](mailto:clcdesign@crestron.com) or by calling 888-330-1502.

The specific patents that cover Crestron products are listed online at [www.crestron.com/legal/patents](http://www.crestron.com/legal/patents).

Certain Crestron products contain open source software. For specific information, visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

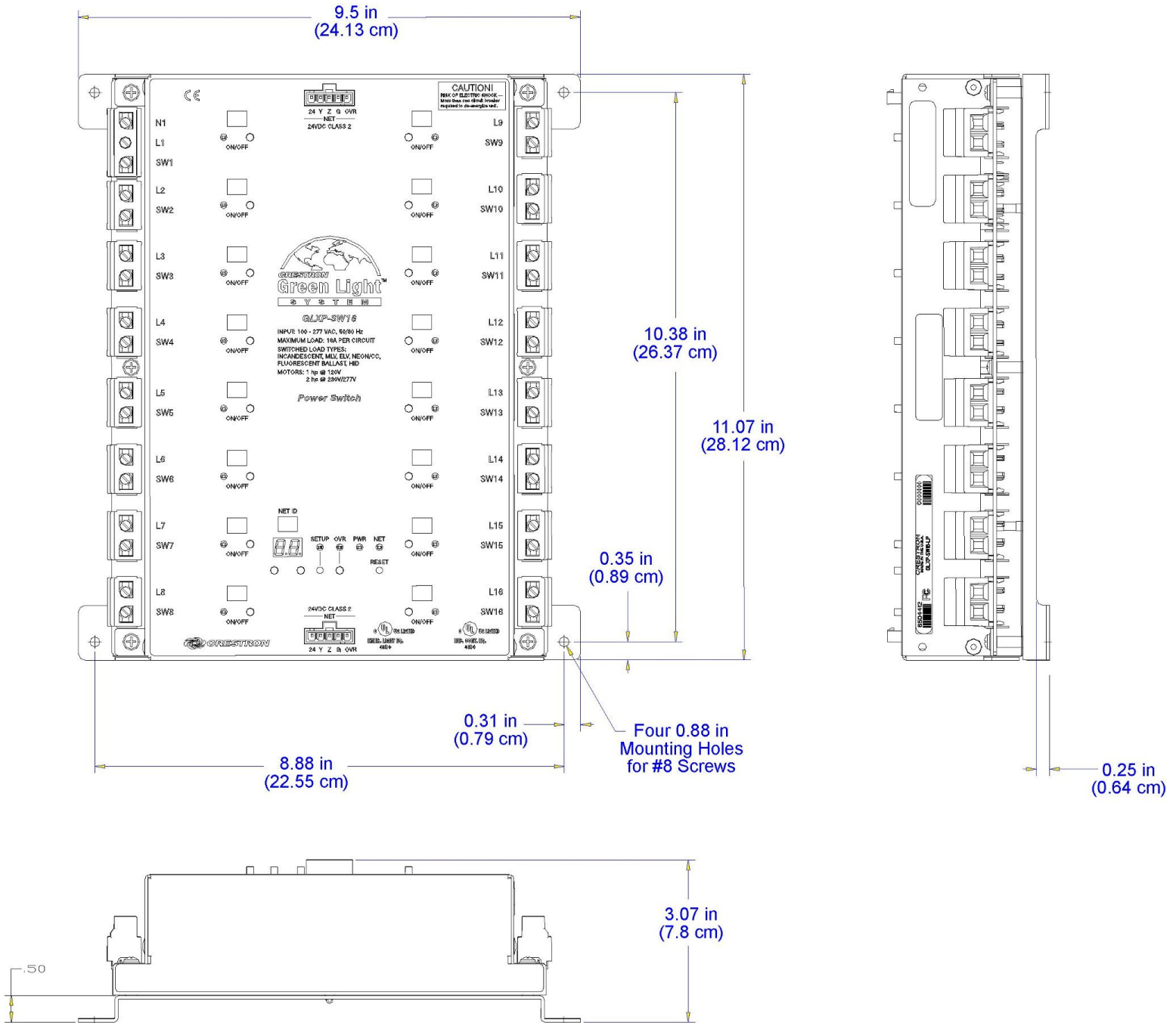
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