

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®

Rev 05/20/19

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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

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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 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. For assistance with incorporating this product into a design or specification, please contact the Commercial Lighting Consultant Hotline via email at 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.

Certain Crestron products contain open source software. For specific information, visit www.crestron.com/opensource.

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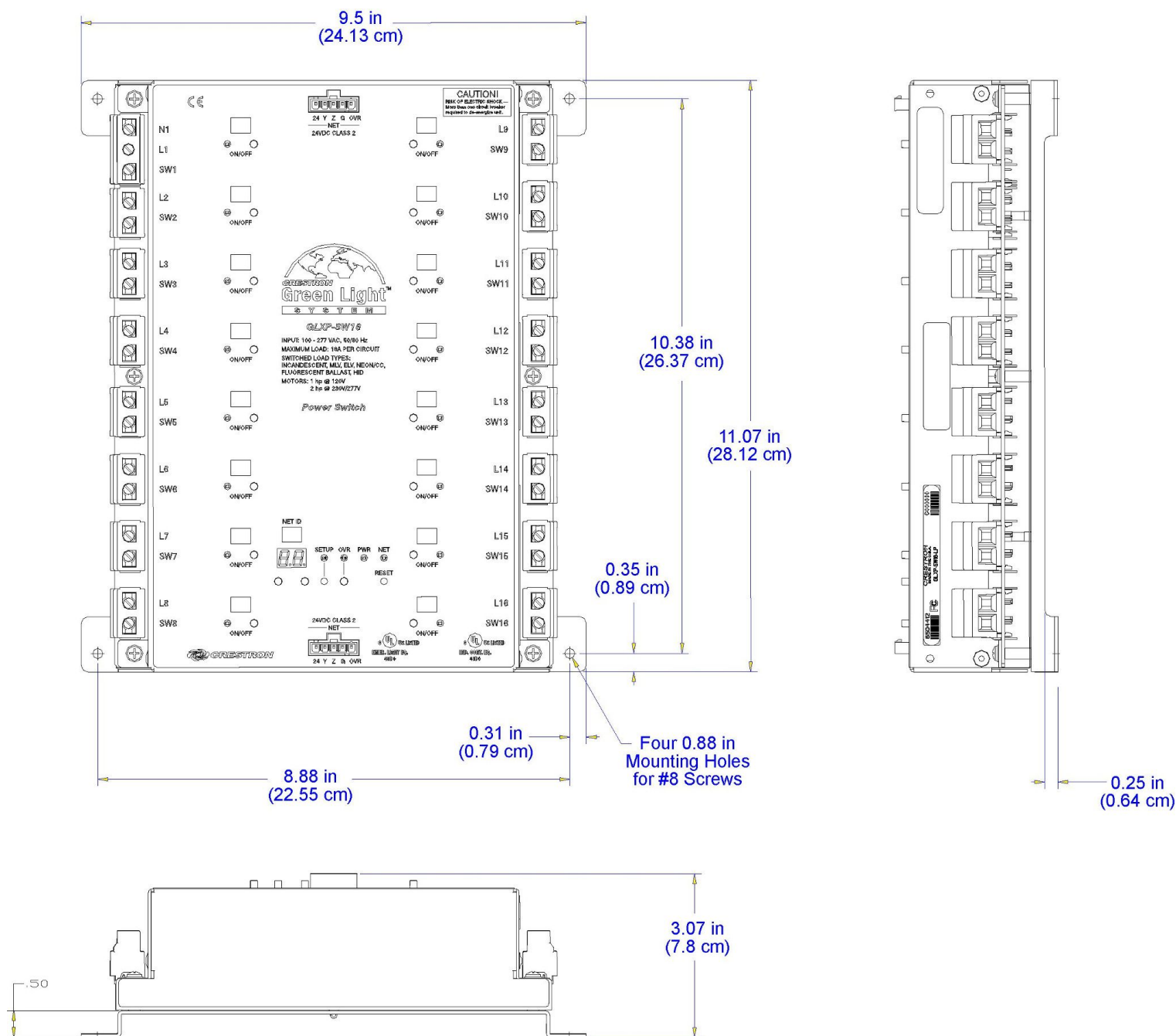
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