

GLXP-DIMFLV8-LP

8 Channel 0-10 V Dimmer Module, Low Profile



- 8 channels of 0-10 V dimming control
- Compatible with lighting and motor loads
- Support for 100-277 V applications
- 16 A load rating per channel
- Arc-less switching
- Positive air gap at each output
- Phase-independent channels
- Cresnet® communications
- Redundant power capability
- Local controls for testing and verification
- Local and remote override capability
- Non-volatile power failure memory
- GLEX cabinet installation
- CEC Title 24 2013 Compliant

The GLXP-DIMFLV8-LP is a Crestron Green Light® switching module that features 8 channels of 0-10 V dimming control. This 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](#).

Override Input

An override input is provided to allow an external contact closure to momentarily override the control system program and set each channel output to its override preset state. States can be set and saved locally from the front panel or remotely via software.

Cresnet® Communications

The GLXP-DIMFLV8-LP communicates with a Crestron control system using the Cresnet control network. A pair of Cresnet ports are provided on the GLXP-DIMFLV8-LP to allow easy daisy-chaining of several Crestron devices.

Specifications

Load Ratings

Dimmer Channels	8
Per Channel	16 A @ 100-277 VAC, 50/60 Hz; 0.5 HP @ 120 V, 1 HP @ 230 V, 1 HP @ 277 V
Dim Load Types	0-10 V fluorescent ballast or LED driver (4-wire); 60 mA max current sink
Switch Load Types	Incandescent, magnetic low-voltage, electronic low-voltage, neon/cold cathode, fluorescent, high-intensity discharge (HID), motors
Relay Lifetime	1,000,000 on/off operations at full electronic ballast load

Power Requirements

Primary	100-277 VAC, 50/60 Hz, supplied via channel 1 (L1, N1)
Secondary (optional)	5 W @ 24 VDC, supplied via the Cresnet® network

Connectors

NET	(2) 5-pin headers
N1	(1) Terminal block; Line input neutral; Accepts 10-14 AWG wire; Torque to 4.43 lb-in. (0.5 Nm)
L1-L8	(8) Terminal blocks; Line power inputs; Accepts 10-14 AWG wire; Torque to 4.43 lb-in. (0.5 Nm)
SW1-SW8	(8) Terminal blocks; Switch channel outputs; Accepts 10-14 AWG wire; Torque to 4.43 lb-in. (0.5 Nm)
0-10V DIM (-)	(1) 8-position terminal block; Dim channel common; Galvanically isolated; May be wired as Class 1 or Class 2; Accepts 12-28 AWG wire; Torque to 4.43 lb-in. (0.5 Nm)
0-10V DIM (+)	(1) 8-position terminal block; Dim channel output; Galvanically isolated; May be wired as Class 1 or Class 2; Accepts 12-28 AWG wire; Torque to 4.43 lb-in. (0.5 Nm)

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Controls & Indicators

NET ID	(2) 7-segment green LED digits and (2) miniature push buttons, sets Cresnet ID; Digits display output levels during local control
SETUP	(1) Red LED and (1) recessed miniature push button, enables setup mode and touch-settable ID
OVR	(1) Red LED and (1) miniature push button, enables override mode and saves presets
PWR	(1) Green LED, indicates power status; 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 push button, resets internal processor
ON/OFF	(8) Red LEDs and (8) miniature push buttons, manually activates individual channels for dimming

Enclosure

The GLXP-DIMFLV8-LP module mounts in a GLEX enclosure with (2) integral mounting flanges.

Environmental

Temperature	32° to 104° F (0° to 40° C)
Humidity	10% to 90% RH (noncondensing)
Heat Dissipation	116 BTU/Hr

Dimensions

Height	11.07 in. (282 mm)
Width	9.5 in. (241 mm) including mounting flanges
Depth	3.26 in. (82 mm)

Compliance

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 - 65kA

CE

CEC Title 24 2013 Compliant

Models

GLXP-DIMFLV8-LP

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, 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.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

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

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