Crestron CNLGE-8

8 Channel Switch Module

The CNLGE-8 module provides 8 channels of switching for non-dimmable lighting and power loads. Each channel features an isolated SPST mechanically latched relay, which maintains its state even if power is disrupted. The CNLGE-8 occupies a single module space in any CSTC or CLC-6 cabinet (not including required CNLPS power supply), and is designed to communicate with the PAC2 control system, or any Crestron control system, via the Cresnet control network.

> 8 channels of switching for non-dimmable loads

> Mechanically-latched, isolated, single-pole / single-throw relays

> Each switched circuit maintains its state in case of power failure

> Occupies 1 module space in a CSTC lighting cabinet

> Requires CNLPS power supply

> Controlled by PAC2 or PAC2M automation control system

SPECIFICATIONS

Load Ratings

Relay Closure: 20A @ 125V AC (Tungsten); 20A @ 277V AC (Resistive or Fluorescent Ballast); 0.5 HP @ 110-125V AC; 1.5 HP @ 220-277V AC;
Note: May not be compatible with some high inrush current loads

Power Requirements

24 Volts AC; requires one CNLPS power supply for every (6) CNLGE-8 modules

Connectors

1 - 8: (8) 2-position captive screw terminals, isolated Class 1 SPST relay switch circuits
Split-coil, mechanically-latching SPST relay closure

NET: (1) 4-pin 5mm detachable terminal block, Cresnet slave port
Connects to Cresnet control network

24VAC: Attached 2-conductor Class 2 cable, relay power input
Connects to CNLPS power supply (sold separately)

Controls

ID CODE: (2) Rotary DIP Switches, set Cresnet ID

LED Indicators

POWER: Indicates DC power supplied from Cresnet network
ACTIVITY: Indicates communication with Cresnet system
1 – 8: Indicate when each relay is closed

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Occupies 1 module space in a CLC-6 cabinet
(Contact factory for applications requiring CSTC cabinet)

AVAILABLE ACCESSORIES

CNLPS-120 Power Supply for CNLGE-8, 120V

CNLPS-277 Power Supply for CNLGE-8, 277V

Specifications for CNLPS (Sold Separately)

Load Ratings

24 Volts AC, 50 VA
For use with CNLGE-8 modules only
Maximum Load: (6) modules

Power Requirements

CNLPS-120: 120 Volts AC, 50/60Hz, single-phase
CNLPS-277: 277 Volts AC, 50/60Hz, single-phase

Connectors

120 VAC: (1) 2-position captive screw terminal, line power input (CNLPS-120 only)

277 VAC: (1) 2-position captive screw terminal, line power input (CNLPS-277 only)

COMMON: (5) Captive screw terminals, output common buss

24VAC: (5) Captive screw terminals, 24 Volt AC output buss

Fuse: CNLPS-120: (1) 3AG, 1 Amp, time-lag; CNLPS-277: (1) FLQ 0.5 Amp

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Occupies 1 module space in a CLC-6 cabinet
(Contact factory for applications requiring CSTC cabinet)

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