

GLR-HD-1P

Heavy Duty Single Pole Relay

The GLR-HD-1P is a Crestron® Green Light Express® modular relay designed for use with the **GLXX-HDSW8** and **GLXX-HDSW16**. The relay is intended for heavy duty loads, including motors and electronic ballasts, and is part of a complete Crestron engineered GLPX Green Light Express panel.

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

SPECIFICATIONS

Load Ratings

Switch Channels: Single-pole single-throw latching relay

General Use: 20 Amps, 347 Volts AC

Tungsten: 2400 Watts, 120 Volts AC

Electric Discharge Lamp: 20 Amps, 347 Volts AC

Motor Loads: 0.5 HP at 110-125 Volts AC; 1.5 HP at 220-277 Volts AC

Load Types: Incandescent, Magnetic Low-voltage, Electronic Low-Voltage, Neon/Cold Cathode, Fluorescent Ballast, High-Intensity Discharge, LED, Motors, Electronic Ballast
Relay Lifetime: 30,000 or more on/off operations at full load

Power Requirements

Requires [GLXX-HDSW8](#) or [GLXX-HDSW16](#)

Connectors

INPUT RED: +24 Volt DC coil input, accepts control signal from GLXX-HDSW8 or GLXX-HDSW16 chassis

INPUT BLUE: Ground DC coil input, accepts control signal from GLXX-HDSW8 or GLXX-HDSW16 chassis

OUTPUT CONTACT: (2) Main contact screw terminals, accept 12-14 AWG copper wire

Controls & Indicators

Lever: Manual operation with ON/OFF indicator for system testing without control system

Environmental

Temperature: -22° to 122°F (-30° to 50°C)

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

Heat Dissipation: 1.5 BTU/Hr

Dimensions

Height: 0.97 in (25 mm)

Width: 3.78 in (96 mm)

Depth: 2.36 in (60 mm)

Electrical Regulatory Certifications

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

SCCR Rating - 14kA

CE

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