

GLR-HD-2P

Heavy Duty Double Pole Relay

The GLR-HD-2P 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 3-phase 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

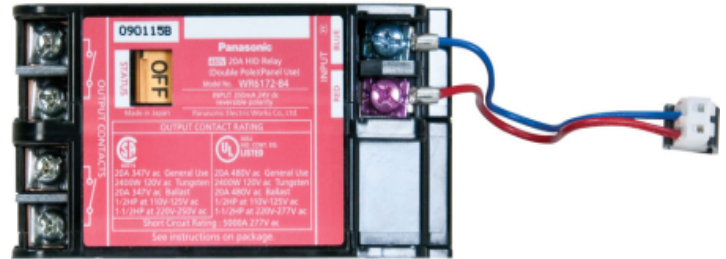
Switch Channels: Double-pole single-throw latching relay
General Use: 20 Amps, 480 Volts AC
Tungsten: 2400 Watts, 120 Volts AC
Electric Discharge Lamp: 20 Amps, 480 Volts AC
Motor Loads: 0.5 HP at 110-125 Volts AC; 1.5 HP at 220-277 Volts AC
Load Types: Incandescent, Magnetic Low-voltage, Electronic 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: (4) Main contact screw terminals, accept 12-14 AWG



Environmental

Temperature: -22° to 122°F (-30° to 50°C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 3 BTU/Hr

Dimensions

Height: 1.95 in (50 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 - 5kA
CE

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