

LIGHTOLIER CONTROLS

OPTIO RELAY MODULE QUAD 2400W 120V

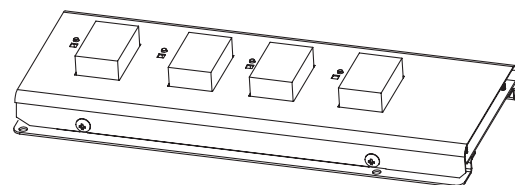
(OPT42400RL15: QUAD 1800W, 120V)

Project:

Location/Type:

Description

The Optio OPT42400RL and OPT42400RL-15 are quad 120V relay modules. Each module employs robust relays designed to offer extended life when switching lighting circuits. They are cUL-recognized and rated for operation at 120VAC, with a capacity of 2400W watts each (OPT42400RL) or 1800W each (OPT42400RL15). The module is a ruggedly designed, fully enclosed module, and features a focus button for manual operation and dual-color LED status indicator for each circuit. Modules are easily installed into an Optio Lighting Control Panel, and may be easily interchanged with other Optio modules.



Front View

Features

- Four relay circuits in a fully enclosed, self-contained unit
- Robust long-life relays
- Focus button and bi-color LED status indicators for each circuit
- Modular construction
- Combine with other Optio dimmers and cabinets
- cUL-recognized for the following:
 - Incandescent loads
 - Fluorescent loads
 - HID loads *
 - Neon/cold cathode loads
 - General inductive loads

Ordering Info

OPT42400RL	Optio Relay Module, Quad 2400W, 120V
OPT42400RL15	Optio Relay Module, Quad 1800W, 120V

* When controlling HID loads, derate the load rating of each relay circuit to 2000 watts.

Specifications

The Optio OPT42400RL/OPT42400RL15 Relay Module shall contain four robust and reliable relays rated for 2400 watts each (OPT42400RL15 rated for 1800 watts each). The relay module shall be UL and cUL recognized, and approved to control incandescent, inductive, and *HID lighting loads. Relay modules shall be constructed using high-performance relays capable of handling current rated for 150% of the relay modules load rating.

The Optio OPT42400RL/OPT42400RL15 Relay Module shall provide a locally mounted 'Focus' button for each relay circuit. Tapping the Focus button shall turn the relay to on, tapping the Focus button a second time shall turn the relay to off. The Relay Module shall contain a dual-color LED display to indicate relay operational status and error conditions.

The Optio OPT42400RL/OPT42400RL15 Relay Module shall be constructed with a robust metal frame, and painted metal cover.

Optio Relay Modules shall be capable of installation into any slot in any Optio Lighting Control Panel of the appropriate operating voltage.

Electrical

Operating Voltage: 120VAC, 50/60Hz

Number of Relays per module: 4

Maximum Load Wattage:

2400 Watts per circuit (OPT42400RL)

1800 Watts per circuit (OPT42400RL15)

Compatible Load Type(s):

Incandescent, Inductive, Magnetic Low Voltage, HID *

Efficiency: 99%

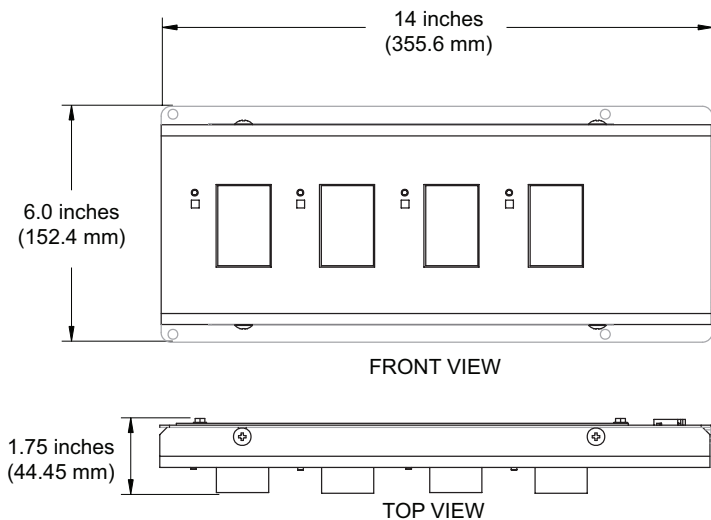
Operating Temperature Range: 0-40°C

Operating Relative Humidity: 10-90% (non-condensing)

* When controlling HID loads, derate the load rating of each relay circuit to 2000 watts.



Dimensions



Installation in an Optio Lighting Control Panel

NOTE : The Optio 9-Module Panel model is used to illustrate the installation, however, the module installation is identical for all Optio Panel models.

