

LIGHTOLIER CONTROLS

OPTIO RELAY MODULE QUAD 4000W 277V

Project:

Location/Type:

Description

The Optio OPT44000RL7 is a quad 277V relay module. Each module employs robust relays designed to offer extended life when switching lighting circuits. They are cUL-recognized and rated for operation at 277VAC, with a capacity of 4000 watts each. 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.

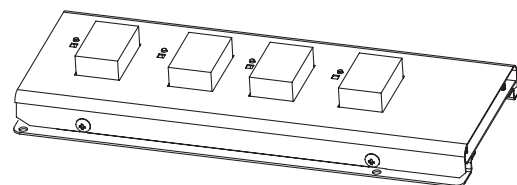
Features

- 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

OPT44000RL7 Optio Relay Module, Quad 4000W, 277V

* When controlling HID loads, derate the load rating of each relay circuit to 3500 watts.



Front View

Specifications

The Optio OPT44000RL7 Relay Module shall contain four robust and reliable relays rated for 4000 watts each. The relay module shall be UL and cUL recognized, and approved to control incandescent, inductive, and HID* lighting loads.

The Optio OPT44000RL7 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 OPT44000RL7 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: 277VAC, 60Hz

Number of Relays per module: 4

Maximum Load Wattage: 4000 Watts per circuit

Compatible Load Type(s):

Incandescent, Inductive, Magnetic Low Voltage, HID *

Efficiency: 99%

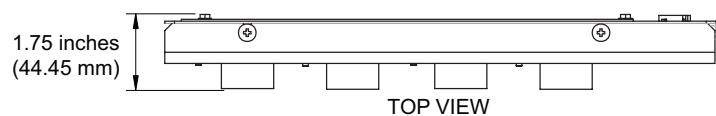
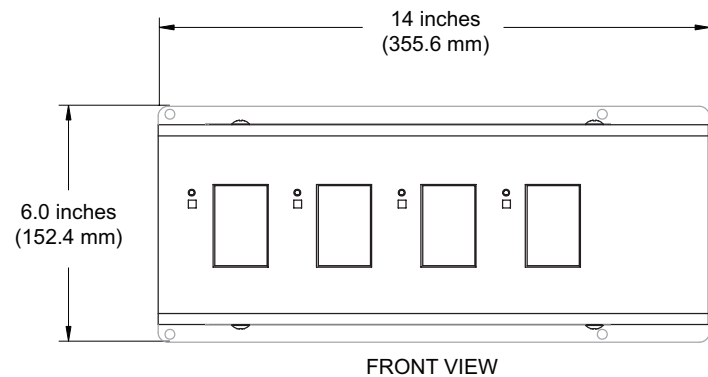
Operating Temperature Range: 0-40°C

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

* When controlling HID loads, derate the load rating of each relay circuit to 3500 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.

