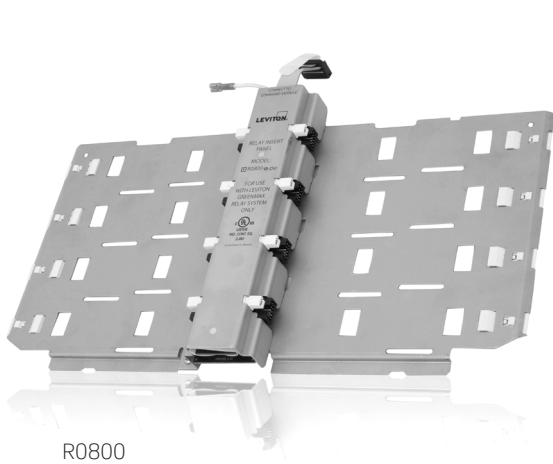
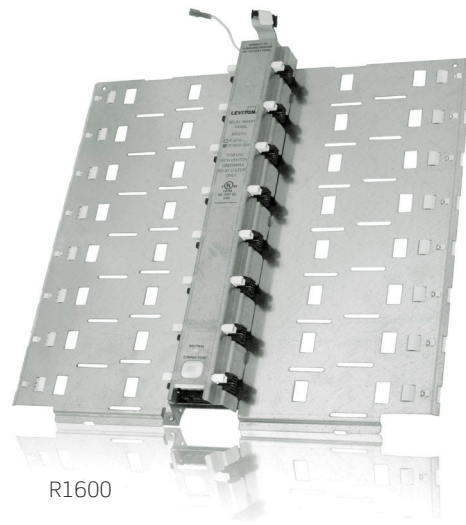


GreenMAX® Relay Insert Panels

Modular Relay System Offers Unparalleled Flexibility



R0800



R1600

DESCRIPTION

The Leviton GreenMAX® Relay Insert Panels offer flexibility and quick installation. For easier manageability and accessibility, Leviton ships empty cabinet enclosures separately from the electronic components. This makes the cabinets lighter and easier to handle and requires less effort to install. To further minimize handling and damage, Leviton can ship the electronic components later in the project schedule or as required.

GreenMAX Relay Insert Panels mount into GreenMAX Enclosures and provide attachment locations for groups of relays in quantities of either 8 or 16. Relay insert panels plug together to provide communication from the GreenMAX Command Module to the individual relay.

All GreenMAX Relay Modules are 1-pole or 2-pole latching relay types that reduce parasitic energy use. The relay modules are the same physical size, allowing the optimal mix of relays to be customized for each application. Models include a basic control relay module and/or a self-contained dimming and switching relay module that supports daylight harvesting capabilities.

FEATURES

- Relay modules rated at 30A general fluorescent ballast and 20A electronic ballast—see GreenMAX Individual Relay Data Sheets for complete load ratings
- Relay modules are latching with manual actuator
- Industry standard 0-10V dimming (sinking) relay module
- 8, 16, 32 and 48 relay sizes
- IECC and ASHRAE 90.1 compliant when used in a GreenMAX Relay Control System
- Can be used to comply with 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, daylight harvesting, partial-ON, partial-OFF, scheduling, demand response, and receptacle control requirements

APPLICATIONS

- Heavy retrofit applications
- New construction projects
- Government facilities
- Office buildings
- Hospitals/medical offices
- Universities
- Restaurants
- Large campuses
- Parking garages
- Any location requiring daylight harvesting and demand response

PRODUCT DATA

FEATURES

- Modular system minimizes handling and subsequent damage during installation
- Relay insert panels feature quick install; each panel takes only two screws to install

Relay Modules

- All GreenMAX relay modules have a 25,000A Short Circuit Current Rating (SCCR) at 277V for increased reliability and durability
- Rated at 30A general fluorescent ballast (this rating is 20A, 347V in Canada) and 20A electronic ballast for all GreenMAX Relays
- All relays are latching with a manual actuator to reduce parasitic energy waste over N/O N/C relays
- Manual actuation lever on all GreenMAX Relays allows users to manually bypass the system to turn lights ON or OFF without a CPU or power
- Self-contained 0-10VDC dimming (sinking) relay module in 1-pole configurations supports daylight harvesting and load shed capabilities

SPECIFICATIONS

Electrical

- Power Supply Input: 70W (max), 100-277VAC single phase input, 24VDC output
- All Input Voltages: 50/60Hz phase to neutral

Physical

- Mounts to NEMA type 1, IP20 enclosure; indoors only

Environmental

- Ambient Temperature Range: 32-122°F (0-50°C)
- Relative Humidity: <90% non-condensing

Listings

- UL508, UL924, cUL, can be used to comply with 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, daylight harvesting, partial-ON, partial-OFF, scheduling, demand response, and receptacle control requirements
- Listings and ratings only apply when installed in a GreenMAX Enclosure

Warranty

- Relay Modules backed by 10-year warranty

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
R0800-000	Relay Insert Panel, Empty with (8) Empty Spaces
R1600-000	Relay Insert Panel, Empty with (16) Empty Spaces
R1616-1CB	Relay Insert Panel with (16) 1-Pole RTC Basic Relays
R1616-1DS	Relay Insert Panel with (16) 1-Pole Dimming and Switching Relays
R1616-1TB	Relay Insert Panel with (16) 1-Pole Basic Relays
R1616-2CB	Relay Insert Panel with (16) 2-Pole RTC Relays
R1616-2TB	Relay Insert Panel with (16) 2-Pole Basic Relays



GreenMAX Relay Modules

Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation

20497 SW Teton Avenue, Tualatin, OR 97062 tel 800-736-6682 fax 503-404-5594 tech line (6:00AM-4:00PM PT Mon-Fri) 800-959-6004

Leviton Manufacturing Co., Inc. Global Headquarters

201 North Service Road, Melville, NY 11747-3138 tel 800-323-8920 fax 800-832-9538 tech line (8:30AM-7:00PM ET Mon-Fri) 800-824-3005

Visit our Website at: www.leviton.com/greenmax

©2017 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.

G-9360B/K17-tb
REV NOV 2017