



Relay Control Panel with internal time clock

Definition:

EZ-MAX relay lighting control panels combine the power and performance of the larger Z-MAX lighting control panels in a compact and cost-effective four-circuit package. EZ-MAX is the ideal solution for smaller, stand-alone applications that do not require the field configuration or advanced networking features of the larger Z-MAX cabinets.



EZ-MAX features the revolutionary, patent-pending Z-MAX switching circuit. Employed on the 120-277V standard relay model, the Z-MAX circuit closes relay contacts before they are energized, preventing arcing, pitting and associated wear. The result is an unprecedented 10,000,000 cycle life. Low-voltage inputs allow connection of photocells, occupancy sensors, as well as low-voltage switches for a comprehensive yet easily installed energy management solution.

Designed in a compact, 10"x10" standard electrical enclosure, EZ-MAX is engineered to be contractor friendly, quick to install, and simple to configure.

Features

- Time Clock & Scheduler
- Sunrise/Sunset Time Clock Events
- Optional Touch-Tone Control
- Optional Modem Configuration & Control
- Angled terminals for easy screwdriver access
- Completely removable interior, allowing the empty box to be roughed-in without risk of damaging components
- Clearly labeled Access points allowing installer to locate optimum knock-out locations
- Large, bright LCD screen with oversize buttons for easy programming
- Built-in astronomical time clock
- ASHRAE 90.1 compliant
- CEC Title 24 Compliant
- Rated for 100% load capacity
- Handles inrush currents in excess of 50 times load current

Applications

- Smart Replacement for Time clock/ Contactor installations
- Low Voltage Control
- Site lighting
- Daylight Harvesting
- Occupancy Sensor Integration
- Energy Code Compliance (Title24)
- Parking Lot Lighting
- Automatic Lighting Control
- Interior Lighting
- Parking Garages
-Any application requiring reliable and cost- effective automatic lighting control

Specifications:

Dimensions: 10"W x 10"H x 4"D

Weight: 10.6 LBS

Power:

Input Power: 120V, 277 or 347V. All Voltages

50/60Hz Phase to Neutral.

Non-Volatile lifetime memory blackout protection

Warranty:

10 years

Input:

(1) Dedicated Occupancy Sensor,

(1) Dedicated Photocell,

(4) General Switch Inputs which can be:

- Leviton Low Voltage Switch (models lvs-xxx)
- 3 or 4 wire switch (GE Style, On/Off with optional LED output)
- Momentary Switches
- Maintained Switches
- Timed Inputs
- Occupancy Sensor
- Photocell
- (1) Emergency Input

Ordering Information

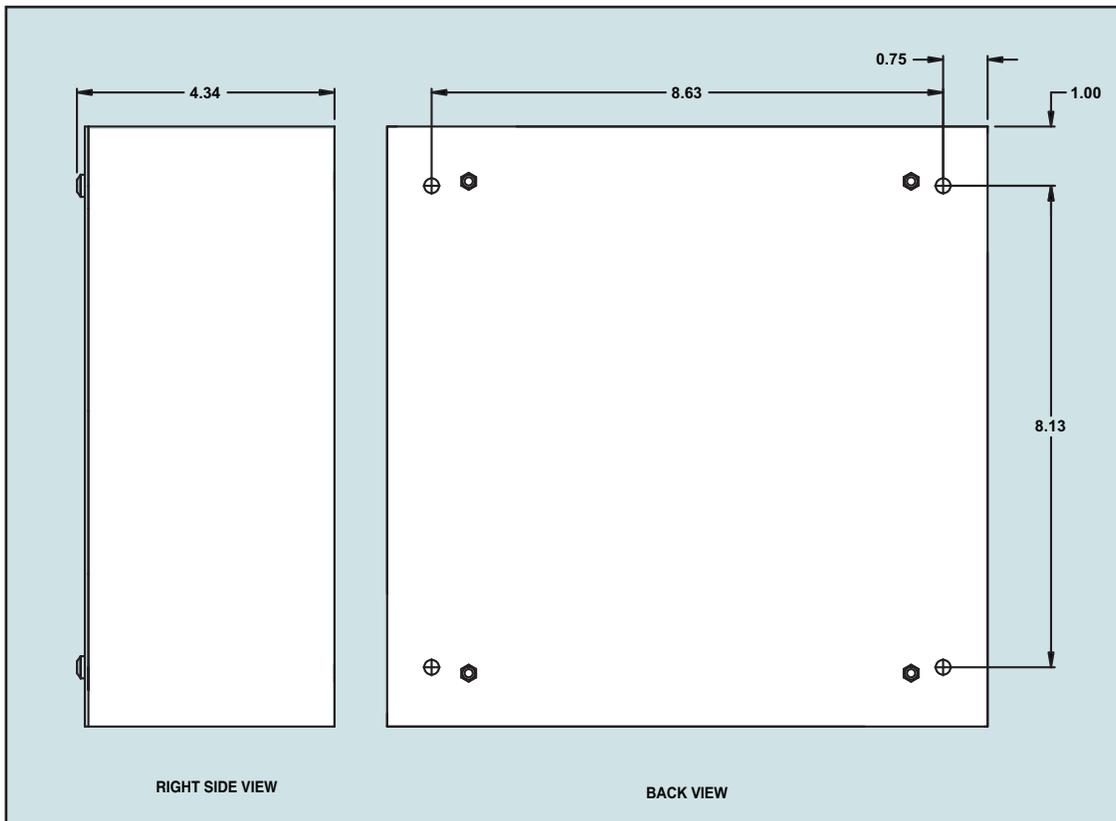
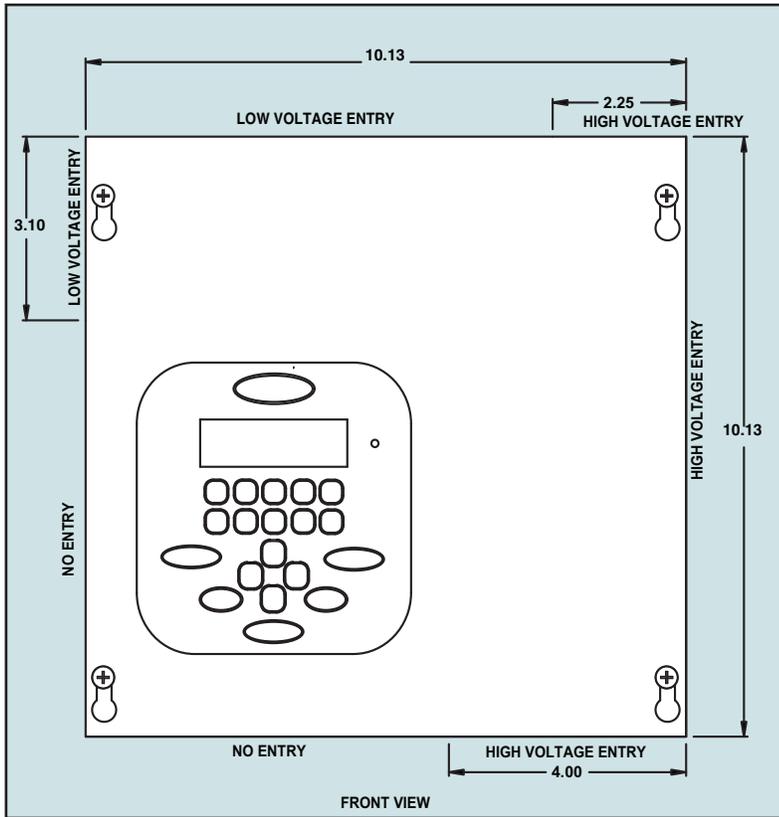
Model	Description	Rating
re4bd-104	EZ-MAX with 4 120-277V relays	20A per relay
re4bd-204	EZ-MAX with 4 208-480V 2-pole relays	20A per relay
re4bd-C04	EZ-MAX with 4 120-347V relays	20A per relay

Accessories

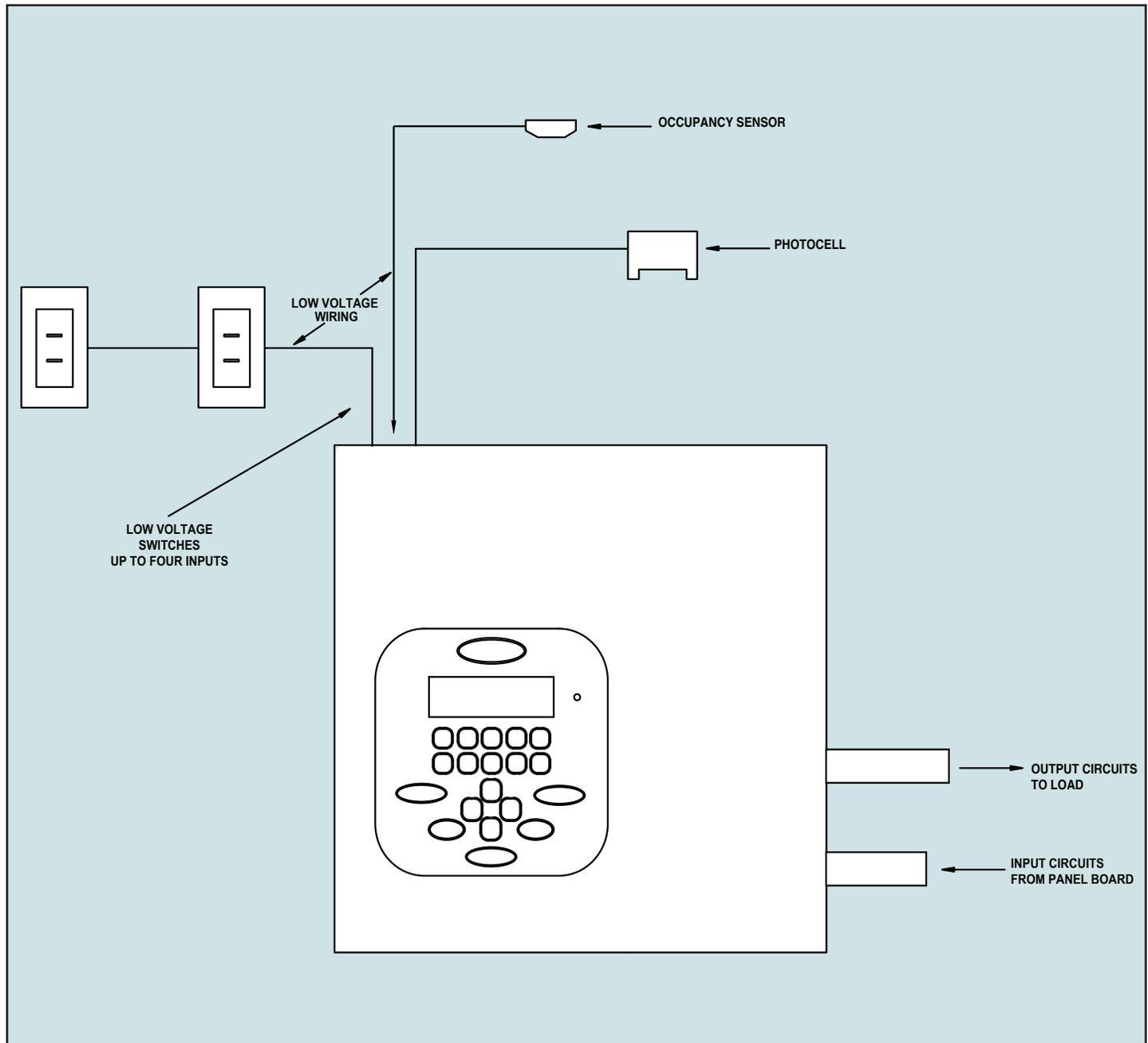
Model	Description
rac00-mod	Modem Module for touch-tone control or remote config
rac00-2sb	Low Voltage Switch Adapter, reduces required wire count of GE style switch by 1. (installed at the switch itself, cabinet has terminations for on/off/led/+v/com)
00lvs-01w	1 Button, Low Voltage Switch, White
00lvs-02w	2 Button, Low Voltage Switch, White
00lvs-03w	3 Button, Low Voltage Switch, White
00lvs-04w	4 Button, Low Voltage Switch, White
00lvs-05w	5 Button, Low Voltage Switch, White
00lvs-06w	6 Button, Low Voltage Switch, White
00lvs-08w	8 Button, Low Voltage Switch, White
00lvs-10w	10 Button, Low Voltage Switch, White
PCOUT-000	Outdoor 0-10V Photocell
PCIND-000	Indoor 0-10V Photocell
PCATR-000	Atrium 0-10V Photocell
PCSKY-000	Skylight 0-10V Photocell

Refer to the Leviton Lighting Control Catalog for a complete range of occupancy sensors for use with EZ-MAX

Dimensional Drawing



Typical Installation



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Because Leviton engages in a continuous program of product improvement, all data in this publication is subject to change without notice.