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

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>re4bd-104</td>
<td>EZ-MAX with 4 120-277V relays</td>
<td>20A per relay</td>
</tr>
<tr>
<td>re4bd-204</td>
<td>EZ-MAX with 4 208-480V 2-pole relays</td>
<td>20A per relay</td>
</tr>
<tr>
<td>re4bd-C04</td>
<td>EZ-MAX with 4 120-347V relays</td>
<td>20A per relay</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>rac00-mod</td>
<td>Modem Module for touch-tone control or remote config</td>
</tr>
<tr>
<td>rac00-2sb</td>
<td>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)</td>
</tr>
<tr>
<td>00lvs-01w</td>
<td>1 Button, Low Voltage Switch, White</td>
</tr>
<tr>
<td>00lvs-02w</td>
<td>2 Button, Low Voltage Switch, White</td>
</tr>
<tr>
<td>00lvs-03w</td>
<td>3 Button, Low Voltage Switch, White</td>
</tr>
<tr>
<td>00lvs-04w</td>
<td>4 Button, Low Voltage Switch, White</td>
</tr>
<tr>
<td>00lvs-05w</td>
<td>5 Button, Low Voltage Switch, White</td>
</tr>
<tr>
<td>00lvs-06w</td>
<td>6 Button, Low Voltage Switch, White</td>
</tr>
<tr>
<td>00lvs-08w</td>
<td>8 Button, Low Voltage Switch, White</td>
</tr>
<tr>
<td>00lvs-10w</td>
<td>10 Button, Low Voltage Switch, White</td>
</tr>
<tr>
<td>PCOUT-000</td>
<td>Outdoor 0-10V Photocell</td>
</tr>
<tr>
<td>PCIND-000</td>
<td>Indoor 0-10V Photocell</td>
</tr>
<tr>
<td>PCATR-000</td>
<td>Atrium 0-10V Photocell</td>
</tr>
<tr>
<td>PCSKY-000</td>
<td>Skylight 0-10V Photocell</td>
</tr>
</tbody>
</table>

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

 LOW VOLTAGE WIRING

 LOW VOLTAGE SWITCHES
 UP TO FOUR INPUTS

 OCCUPANCY SENSOR

 PHOTOCELL

 OUTPUT CIRCUITS
 TO LOAD

 INPUT CIRCUITS
 FROM PANEL BOARD

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