EZ-MAX® Plus Relay Control Panels

Integrated building lighting control in a contractor friendly, quick to install and simple to configure compact enclosure

DEFINITION
EZ-MAX Plus relay lighting control panels deliver power and performance in compact and cost-effective 8-circuit and 16/24-circuit models. EZ-MAX Plus is the ideal solution for smaller, stand-alone applications that do not require the field configuration or advanced networking features like GreenMAX® Relay Control Systems.

The EZ-MAX Plus switching circuit offers an unprecedented 1,000,000 cycle life for unmatched durability. For maximum equipment protection, the standard 30A latching relay card has a short circuit current rating (SCCR) of 18,000A to allow it to withstand higher current inrushes caused by short circuit conditions. Low-voltage inputs allow connection of photocells, occupancy sensors, low-voltage switches and digital switches for a comprehensive yet easily installed energy management solution.

Designed in a compact, 13” x 13” (8-circuit model) or 20-1/4” x 34” (16/24-circuit model) standard electrical enclosure, EZ-MAX Plus is engineered to be contractor friendly, quick to install and simple to configure.

APPLICATIONS
- Smart replacement for time clock/contactor installations
- Low-voltage control
- Site lighting
- Daylight harvesting
- Occupancy sensor integration
- Parking garage/parking lot lighting
- Any application requiring reliable and cost-effective automatic lighting control

FEATURES
- Easy programming alternatives
- Off-line editor for easy programming (Visual Programmer 4.0 included)
- Large, bright LCD screen with oversize buttons for easy programming
- Easy standard programming configuration
- Occupancy sensors: manual-ON or auto-ON applications
- Photocells: interior or exterior applications
- Photocell light level trip points: on or off
- Built-in astronomical time clock
- 101 major city and states programmed for easy astronomical setup
- Time clock and scheduler
- Sunrise/sunset time clock events
- Auto-detection/auto-assign of installed digital switches
- Enable/disable of low-voltage and digital input devices minimizes power consumption
- Clearly labeled access points allow installer to locate optimum knock-out locations
- UL and C-UL Listed Industrial Control Equipment and Emergency Lighting Equipment for 120V, 277V and 347V Panels
- ASHRAE 90.1 compliant
- CA Title 24 2013 compliant
- Rated for 100% load capacity
**PRODUCT BULLETIN**

**EZ-MAX® PLUS RELAY CONTROL PANELS**

**SPECIFICATIONS**

**ELECTRICAL**

- **Input Power (Domestic):** 120V, 277V or 347V
- **Input Power (International):** 230V +/- 15%
- All voltages 50/60Hz
- Non-volatile lifetime memory blackout protection

**PHYSICAL**

- **8-Circuit EZ-MAX Plus**
  - **Size:** 13” W x 13” H x 4-9/32” D
    (330.20 mm x 330.20 mm x 108.74 mm)
  - **Weight - fully loaded:** 16 lbs (7.26 kg)
  - **Color:** Black

- **16/24-Circuit EZ-MAX Plus**
  - **Size:** 20-1/4” W x 34” H x 4-9/32” D
    (514.35 mm x 863.6 mm x 108.74 mm)
  - **Weight - fully loaded:** 44 lbs (19.96 kg)
  - **Color:** Black

**WARRANTY**

- Panels backed by Two-Year Warranty
- Relay Cards backed by Two-Year Warranty

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ro8BD-000</td>
<td>EZ-MAX® Plus 8 Relay Panel, (0) No Relays, (8) empty slots. 120V, 277V, 347V input power. With 8 Low Voltage Inputs</td>
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<tr>
<td>Ro8BD-L04</td>
<td>EZ-MAX® Plus 8 Relay Panel, (4) 1-Pole 30A 120V/277V Relays, (4) empty slots. 120V, 277V, 347V input power. With 8 Low Voltage Inputs</td>
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<td>Ro8BD-L08</td>
<td>EZ-MAX® Plus 8 Relay Panel, (8) 1-Pole 30A 120V/277V Relays, (8) empty slots. 120V, 277V, 347V input power. With 8 Low Voltage Inputs</td>
</tr>
<tr>
<td>Ro8BD-208</td>
<td>EZ-MAX® Plus 8 Relay Panel, (8) 2-Pole 20A 240V/480V Relays. 120V, 277V, 347V input power. With 8 Low Voltage Inputs</td>
</tr>
<tr>
<td>R24BD-000</td>
<td>EZ-MAX® Plus 24 Relay Panel, (0) No Relays, (24) empty slots. 120V, 277V, 347V input power. With 12 Low Voltage Inputs</td>
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<tr>
<td>R24BD-L16</td>
<td>EZ-MAX® Plus 24 Relay Panel, (16) 1-Pole 30A 120V/277V Relays, (8) empty slots. 120V, 277V, 347V input power. With 12 Low Voltage Inputs</td>
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<td>R24BD-L24</td>
<td>EZ-MAX® Plus 24 Relay Panel, (24) 1-Pole 30A 120V/277V Relays. 120V, 277V, 347V input power. With 12 Low Voltage Inputs</td>
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<td>R24BD-208</td>
<td>EZ-MAX® Plus 24 Relay Panel, (8) 2-Pole 20A 240V/480V Relays. 120V, 277V, 347V input power. With 12 Low Voltage Inputs</td>
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<td>R08BF-000</td>
<td>EZ-MAX® Plus 8 Relay Panel, (0) No Relays, (8) empty slots. 230V input power. With 8 Low Voltage Inputs</td>
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<td>R08BF-L08</td>
<td>EZ-MAX® Plus 8 Relay Panel, (8) 1-Pole 30A 120V/230V/277V Relays. 230V input power. With 8 Low Voltage Inputs</td>
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<td>R24BF-000</td>
<td>EZ-MAX® Plus 24 Relay Panel, (0) No Relays, (24) empty slots. 230V input power. With 12 Low Voltage Inputs</td>
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<tr>
<td>R24BF-208</td>
<td>EZ-MAX® Plus 24 Relay Panel, (8) 2-Pole 20A 240V/480V Relays. 230V input power. With 12 Low Voltage Inputs</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

| RAC00-25B | Low Voltage Switch Adapter for GE 5-wire switches |
| 00LVS-xxW** | xx Button, Low Voltage Switch, White |
| 2MDSW-xxW** | xx Button, Digital Switch, White |
| PCOUT-000 | Outdoor Photocell, 0-10V, 0-250 fc |
| PCIND-000 | Indoor Photocell, 0-10V, 0-100 fc |
| PCATR-000 | Atrium Photocell, 0-10V, 0-1000 fc |
| PCSKY-000 | Skylight Photocell, 0-10V, 0-2000 fc |
| RELAY-L30 | EZ-MAX® Relay 1-Pole 30A NO/NC, with handle, 120VAC/230VAC/277VAC, 18K SCCR |
| RELAY-2PL | EZ-MAX® Relay 2-Pole 20A NO, 240VAC/480VAC |
| RELAY-347 | EZ-MAX® Relay 1-Pole 20A NO, 347VAC |

*For a complete range of occupancy sensors for use with EZ-MAX Plus, refer to www.leviton.com/cenergyproducts.

** xx = 1, 2, 3, 4, 5, 6, 8, 10 Button Switch

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