**LMPL-101 Digital Plug Load Controller**

Plenum-rated controller with line voltage relay and switching power supply

Component of Digital Lighting Management integrated control systems

Plugs to other components using Cat 5e cables with RJ45 connectors eliminating wiring errors

**Product Overview**

**Description**

LMPL-101 Plug Load Controllers include a 20 amp relay for on/off control of connected outlets, and a high-efficiency switching power supply. They are part of a WattStopper Digital Lighting Management (DLM) system, and enable energy-efficient control of plug loads.

**Operation**

LMPL-101 Plug Load Controllers operate on 120 volts and provide Class 2 power to sensors and switches via the DLM local network. Once powered up, Plug n’ Go automatically configures system components for the most energy-efficient operation. The plug load controllers then switch controlled outlets on and off in response to input from any communicating occupancy sensors. The DLM system may be reconfigured using Push n’ Learn without the need for tools or a PC.

**Applications**

LMPL-101 Plug Load Controllers ensure that energy is not wasted when portable loads such as task lighting and computer monitors are plugged into building outlets. Plug Load Controllers should be installed to switch outlets for lighting and non-essential equipment in private offices, open offices, lunch rooms and break rooms and other areas in commercial buildings. They are appropriate for LEED projects and help building owners realize a higher return on investment on energy code-required occupancy sensors.

**Features**

- Plug n’ Go™ automatic configuration for quick installation and maximum energy savings
- Push n’ Learn™ functionality for personalization without the need for tools or a PC
- Digital Lighting Management components plug together on a free-topology Cat 5e DLM local network
- Load On/Off button
- LED indicates status of connected load
- 3 RJ45 ports with integral strain relief and hinged dust cover
- Zero-crossing circuitry for reliability and increased product life
- Attach to standard electrical box through ½” knockout; UL2043 plenum rated
- Ships with “Sensor Controlled” labels for connected outlets
- RoHS compliant
- Qualifies for ARRA-funded public works projects
Specifications
- Input/output voltage: 120VAC, 50/60Hz
- Load ratings:
  - Ballast: 20A
  - Incandescent: 20A
  Motor load: 1Hp
- Class 2 output to DLM local network: 24VDC, 150mA across 3 RJ45 ports
- DLM local network parameters with only LMPB-100, LMPL-101 and/or LMRC-100 Series Room Controllers:
  - Maximum of 4 total -100 Series devices
  - Maximum current: 600mA
  - Cat 5e cable: 150’ per device to 1,000’ max.
  - Up to 24 communicating devices
- Operating conditions: for indoor use only; 32-104°F (0-40°C); 5-95% RH, non-condensing
- UL (88T9) and cUL listed
- FCC part 15 compliant
- Five year warranty

Controls & Mounting

Controls and Dimensions

Mounting and Wiring

Connecting

Sample Connection Diagram for Bi-Level Lighting and Plug Load Control

Ordering Information

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Voltage</th>
<th>Ballast (A)</th>
<th>Incan (A)</th>
<th>Motor</th>
<th>Class 2 Output</th>
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<td>Plug Load Controller</td>
<td>120VAC, 50/60Hz</td>
<td>20</td>
<td>20</td>
<td>1 Hp</td>
<td>24 VDC, 150 mA</td>
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<td>ARRA compliant product</td>
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- U = ARRA compliant. Product produced in the U.S.