Linear Dimming Control Module

Overview
Linear Dimming Control Module Plenum Rated (LDCM-PL) takes a 0-10V dimming signal and a fixed line voltage input and converts it to an ELV dimmed output for up to 1000W with a 277V load and 450W on a 120V load. One LDCM can be used per run up to the maximum wattage. The LDCM-PL is rated to directly mount to a junction box in a plenum space for easier installations and to meet building requirements.

Features
- Dims ELV only fixtures with 0-10V
- Simple Installation
- Direct J-Box Mount
- 120V and 277V compatible
- Auto-Sensing Voltage Switch
- 450W @120V, 1000W @277V
- Plenum Rated
- One LDCM per fixture run
Specifications

**ELECTRICAL**

- **Power Rating**
  - 450W Max @ 110-120V
  - 1000W Max @ 277V
- **Max Fixture Run Length**
  - Calculate Maximum Run per LDCM unit based on the Power Consumption of the fixture used.
- **Operating Voltage**
  - 110VAC-120VAC, 277VAC - Auto-Sensing Voltage Switch
- **Operating Hertz**
  - 60 Hz
- **Startup Temperature**
  - -4°F to 104°F (-20°C to 40°C)
- **Operating Temperature**
  - -4°F to 104°F (-20°C to 40°C)
- **Storage Temperature**
  - -40°F to 176°F (-40°C to 80°C)

**CONTROL Requirements**

- **Dimming**
  - 110-120VAC; ELV (forward/reverse) - RP; converted from 0-10V Controller
  - 277VAC; ELV (forward/reverse) - RP; converted from 0-10V Controller

**PHYSICAL**

- **Dimensions**
  - W 3.4” x H 2” x L 7”; (87mm x 50mm x 178mm)
  - Injection Molded Polycarbonate
- **Connectors**
  - Lead Wire 6” From Conduit
- **Weight**
  - 0.99 lbs (0.45 kg)
- **Environment**
  - ETL Damp Location
- **Mounting Options**
  - Conduit Mounting For Both Sides

**RATING & CERTIFICATIONS**

- **ETL / cETL Damp Locations**
- **RoHS**

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This product is provided by Eaton Lighting Solutions in cooperation with EcoSense Lighting Inc.

**Ordering**

Choose the option that best suits your needs and write its corresponding code on the appropriate line to form the product code.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>VOLTAGE</th>
<th>CONTROL</th>
<th>COLOR</th>
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<tbody>
<tr>
<td>LDCM-PL</td>
<td>120-277</td>
<td>010V</td>
<td>GR</td>
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**EXAMPLE:** LDCM-PL - 120-277 - 010V - GR

**Dimensions**

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