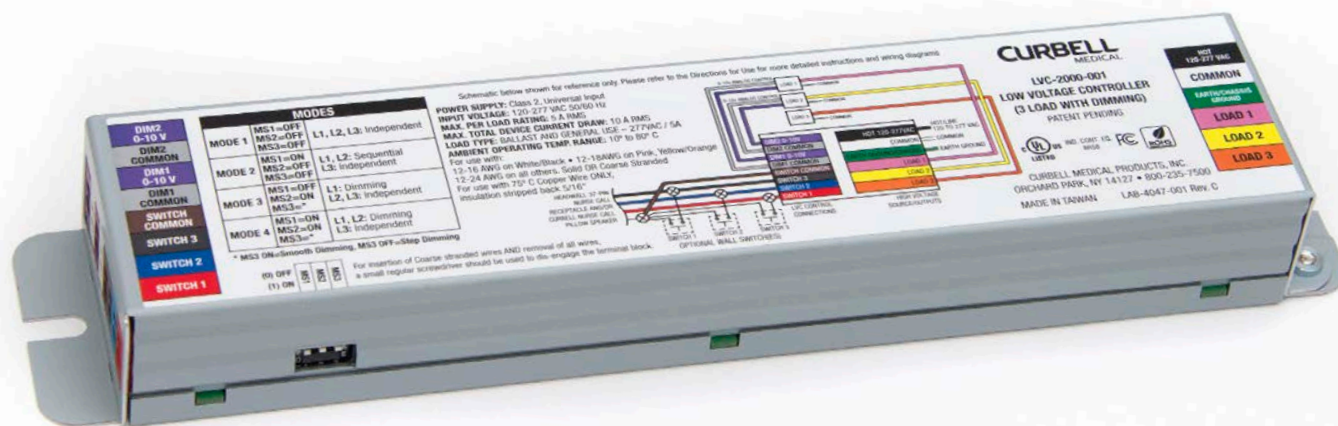


# LVC-2000-001 LOW VOLTAGE CONTROLLER

▶ 120-277 VAC 50/60 HZ input voltage ▶ Dimming for up to two loads ▶ Control for up to three loads



Low Voltage Controllers enable users to safely operate the high-voltage lighting found in hospital and nursing home rooms with their pillow speaker or bed communication side rail. They're tested and approved for use with all nurse call systems that use a switch with normally-open momentary dry contacts for auxiliaries.



Color-coded push-pin connectors make installation easy



DIP switches allow the installer to select one of four operational modes.

- ▶ For use with fluorescent, LED, and other lamp types
- ▶ The LVC-2000-001 can control lights with multiple modes of operation:
  - Three loads independently
  - Two loads sequentially and a third Load independently
  - One load independently with 0-10V dimming control and second and third load independently
  - Two loads independently with 0-10V dimming control and a third load independently
- ▶ True universal voltage (120 to 277 VAC)
- ▶ Safe for use near medical equipment that is sensitive to electromagnetic noise
- ▶ Can be used to operate high-voltage circuits such as lights, electric doors, and drapes
- ▶ Can be controlled from a pillow speaker, bed side rail, or wall switch with normally-open momentary dry contacts
- ▶ Industry-leading three year warranty
- ▶ Patent Pending

<b>Input Voltage</b>	120-277 VAC, 60 Hz 277 VAC, 5 A, General Use 277 VAC, 5 A, Ballast RMS current should not exceed 5 amps per load
<b>Load Type</b>	277 VAC, 5 A, General Use per Load 277 VAC, 5 A, Ballast per Load Maximum total device current: 10 A
<b>Output Voltage</b>	120-277 VAC, 60 Hz
<b>Output Devices</b>	<ul style="list-style-type: none"> <li>• Three 30 amp relays driven by low voltage microcontroller</li> <li>• ESD protected</li> </ul>
<b>Dimming Control</b>	0-10V (current sourcing)
<b>Low Voltage Momentary Switch Requirements</b>	Dry contacts, momentary, normally open, capable of switching 5 VDC @ 0.5 mA
<b>Lamp</b>	No restrictions
<b>Switching Circuits Operation Voltage</b>	5 VDC @ 0.5 mA
<b>Power Supply Classification</b>	UL listed switch mode power supply
<b>Operating Temp. Range</b>	50° to 176° F (10° to 80° C)
<b>External wires</b>	<ul style="list-style-type: none"> <li>• White/Black: 12-16 AWG, solid or coarse stranded</li> <li>• Pink, Yellow, Orange, Green: 12-18 AWG, solid or coarse stranded</li> <li>• All other wires: 12-24 AWG, solid or coarse stranded</li> <li>• For use with 75° C Copper Wire ONLY, insulation stripped back 5/16"</li> <li>• Ensure that wire used exceeds corresponding voltage ratings</li> </ul>
<b>Mounting</b>	Mounts next to a lighting ballast in lighting applications or remotely in a five-gang masonry box
<b>Housing</b>	.032" Galvanized Zinc-Plated Steel
<b>Dimensions</b>	9" with tabs (L) x 1.90" (W) x 1.10" (H)
<b>Warranty</b>	Three Years
<b>Regulatory Listings and Compliance</b>	UL/C-UL Listed to UL 508 Compliant with FCC Title 47 CFR 15 – Class B RoHS compliant