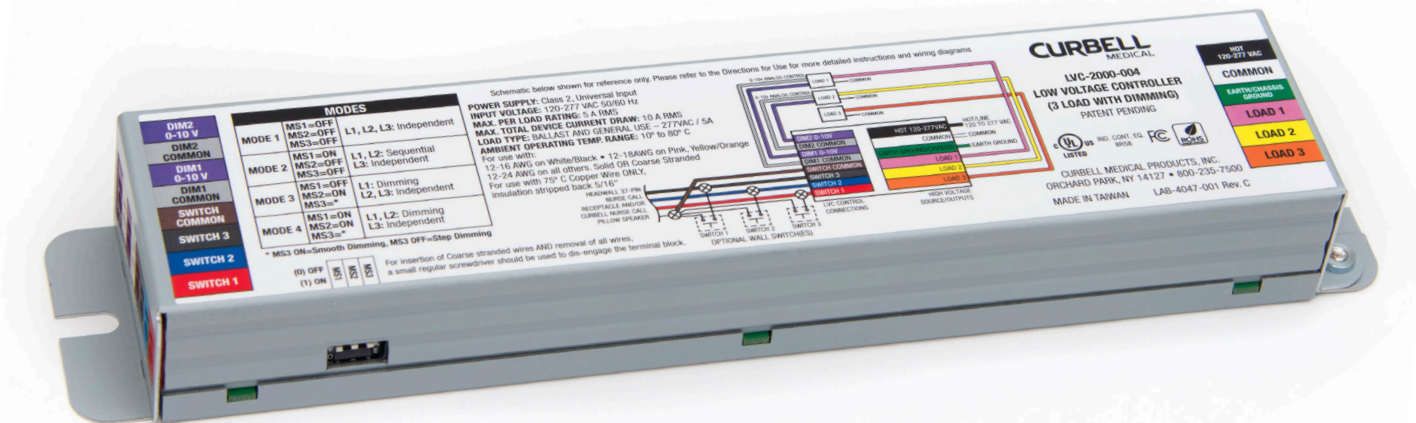


LVC-2000-004 LOW VOLTAGE CONTROLLER

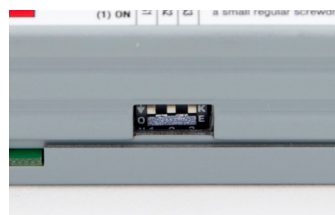
■ Bi-directional dimming with quick on/off
 ■ Control for up to three loads
 ■ 120-277 VAC 50/60 HZ input voltage



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 only with LED lamps
- The LVC-2000-004 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 bi-directional dimming control and second and third load independently
 - Two loads independently with 0-10V bi-directional dimming control and a third load independently
- Bi-directional dimming:
 - Quick press and release on at 25%
 - Press and hold dims 25% to 100%
 - Release and press dims 100% to 10%
 - Release and press to change dimming direction between 10% and 100%
 - Quick press and release off
- 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

Input Voltage	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
Load Type	277 VAC, 5 A, General Use per Load 277 VAC, 5 A, Ballast per Load Maximum total device current: 10 A
Output Voltage	120-277 VAC, 60 Hz
Output Devices	<ul style="list-style-type: none"> • Three 30 amp relays driven by low voltage microcontroller • ESD protected
Dimming Control	0-10V (current sourcing), bi-directional with quick on/off
Low Voltage Momentary Switch Requirements	Dry contacts, momentary, normally open, capable of switching 5 VDC @ 0.5 mA
Lamp	No restrictions
Switching Circuits Operation Voltage	5 VDC @ 0.5 mA
Power Supply Classification	UL listed switch mode power supply
Operating Temp. Range	50° to 176° F (10° to 80° C)
External wires	<ul style="list-style-type: none"> • White/Black: 12-16 AWG, solid or coarse stranded • Pink, Yellow, Orange, Green: 12-18 AWG, solid or coarse stranded • All other wires: 12-24 AWG, solid or coarse stranded • For use with 75° C Copper Wire ONLY, insulation stripped back 5/16" • Ensure that wire used exceeds corresponding voltage ratings
Mounting	Mounts next to a lighting ballast in lighting applications or remotely in a five-gang masonry box
Housing	.032" Galvanized Zinc-Plated Steel
Dimensions	9" with tabs (L) x 1.90" (W) x 1.10" (H)
Warranty	Three Years FC
Regulatory Listings and Compliance	UL/C-UL Listed to UL 508  Compliant with FCC Title 47 CFR 15 – Class B RoHS compliant 