

10kW Triac Dimmer - 220V AC - Indoor Use Only

Instruction Manual

The XLE-EL-DS-10KW-220V from Larson Electronics is a Triac Dimmer designed for indoor light dimming that operates on 220V AC at 80 amps. This 10,000 watt dimmer switch has a voltage adjustment of 0-100% and is housed in a NEMA 6P enclosure with feed thru or dead end termination.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. CRITICAL SAFETY INSTRUCTIONS:

- INSTALLATION SHOULD ONLY BE CONDUCTED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH NEC AND ANY RELEVANT LOCAL BUILDING CODES.
- RISK OF FIRE OR ELECTRIC SHOCK. FIXTURE INSTALLATION REQUIRES KNOWLEDGE OF LUMINAIRES ELECTRICAL SYSTEMS. IF NOT QUALIFIED, CONTACT A QUALIFIED ELECTRICIAN.
- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- MAKE SURE THE SUPPLY VOLTAGE IS THE SAME AS THE RATED LUMINAIRE FIXTURES VOLTAGE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.

This weatherproof junction box is constructed from a plastic moulding compound that will not rust or corrode along with a foam gasketed lid sealed with stainless steel screws.

When mounting this weatherproof junction box, begin by finding a suitable location for mounting the box. This should be a flat surface. Mount the box to surface using the mounting ears on the back. **DO NOT** over tighten screws as the plastic can break!

1. Mount box using the mounting ears on the back. Over tightening may cause cracks.
2. There are four screws holding the cover. Remove these screws and set the cover aside to access the inside.
3. Run conduit to box for wiring.
4. Once inside, wire according to labeled leads inside enclosure. Make sure connected devices do not exceed the voltage and ratings shown in the specifications below. Follow all local, state, NEC electrical codes for the area.
5. Replace top cover and tighten the four screws removed earlier. Top cover must remain in-tact during operation. Make sure there are no pinched wires between the box and front cover.
6. Energize device and the display will illuminate.
7. Use the buttons on the front to control dimming. The display shows a percentage of the current voltage output.

Specifications:

Voltage: 220V AC

Wattage: 10,000W

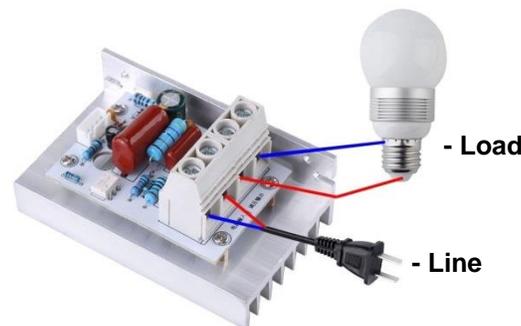
Dimming: 0-100%

Enclosure: NEMA 6P

Enclosure Dimensions: 6" x 6" x 4"

Hub Options: 1/2" or 3/4" NPT

Mounting: Surface Mount



THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.