

277V 12V AC Installation Guide

20W-100W Magnetic AC Lighting Transformers (20W-60W are Class 2)

BEFORE YOU BEGIN



This transformer is to be installed in accordance with Article 450 of the National Electric Code (NEC). The transformer must be installed in a well-ventilated area free from explosive gases and vapors. Proper operation requires for free flow of air. Since this transformer is hardwired, it should only be installed by a qualified electrician.

Precautions Before Installation

Check the label and ensure the transformer has the proper input voltage and wattage for the job. Check the wire markings to ensure they match the wiring diagram on this installation guide.

Mounting

Select a suitable location capable of supporting the weight of the transformer. Use the two keyholes in the transformer case. It is recommended that the transformer be mounted vertically, with the wiring compartment pointing down. If you are installing multiple drivers, keep a minimum space of 5" between each driver.

Input Connections / Grounding

Remove the wiring compartment knockouts and install strain reliefs. With power turned off, route the input wires through a strain relief and connect one wire to orange and one wire to white. For all wire connections, use only UL Listed wire nuts and connectors of suitable size and type. The transformer case **MUST** be grounded in accordance with the NEC. Connect the ground wire to the transformer green wire.

Output Connections

Bring the wires of the light fixture through the other open knockout and connect them to the transformer's blue output wires.

