

M-SERIES

277VAC 12VDC

Installation Guide



20W to 300W Magnetic DC Drivers (20W to 60W are Class 2)

BEFORE YOU BEGIN

The 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 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 that they match the wiring diagram, below.

Mounting

Select a suitable location capable of supporting the weight of the transformer. Use the two keyholes in the transformer case to mount it. It is recommended that the transformer is mounted vertically, with the wiring compartment pointing downward. Keep a minimum space of 5" between each driver.

Input Connections / Grounding

Remove the wiring compartment knockouts and install strain reliefs. With the power turned off, route the input wires through a strain relief and connect one wire to

the orange wire and one wire to the white one. 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's green wire.

Output Connections

Bring the wires of the light fixture through the other open knockout and connect them to the transformer wires; positive (+) to the red wire and negative (-) to the blue wire.

Do not install PWM low voltage controllers on the output without consulting with the manufacturer.

Cartridge Fuse (For 100 to 300 Watt Drivers)

Use a cartridge fuse on the Input for protection. A replacement fuse can be purchased from Little Fuse.

Fuse Replacements		
Driver	AMPS	Part Number
100 watt	0.63A	0218.630MXP
150 watt	1.25A	02181.25MXP
200 watt	1.60A	021801.6MXP
300 watt	2.00A	0218002.MXP

↓ WIRING DIAGRAM ↓

