

EMF50S12VDC

Class 2 Magnetic Dimmable

Outdoor Black Powder Coated Steel Enclosure

Single Circuit: **12VDC**

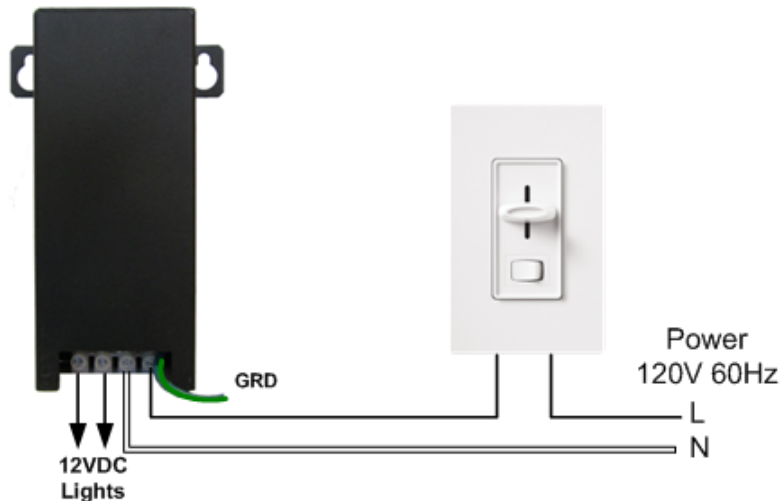
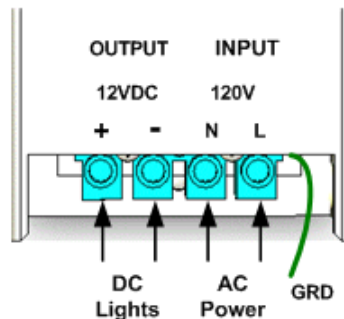
Total Wattage: **50W max**

Input Voltage: **120V 60Hz**



Conforms to UL STD. 1310
Certified to CSA
STD. C22.2 No 223
model EM50
[Link to certification](#)

Installation Instruction



Mounting

The transformer must be mounted in at least 15" of a free flow air space for proper ventilation.
The transformer must never be mounted next to or above heat radiated objects.
The maximum ambient temperature should not exceed 50 deg. C (110 deg. F)
Use the two keyholes on the top of enclosure to mount transformer vertically with wire compartment pointing down when installed outdoor. Indoor mounting can be installed horizontally or horizontally- upside-down by using the third hole on the bottom.

Connection

Open the wire compartment and remove knockouts for input and output, install strain reliefs (wire clamps) .

Input Connection

Bring your line and neutral wires through input strain relief and connect them to the "L" and "N" terminal black positions respectively.

Out Connection

Bring your lights wires through output strain relief and connect positive wire to the "+" and negative to the "-" terminal block position.

Grounding

The core and coil assemblies are grounded to the enclosure. The enclosure in turn should be grounded in accordance with NEC and local code. Connect the transformer green wire to the ground.