

EM100S12DC-TP

Magnetic Dimmable

Outdoor Black Powder Coated Steel Enclosure

Single Circuit: **12VDC**

Total Wattage: **100W max**

Input Voltage: **120V 60Hz**



EMCOD
ElectroMagnetic Component
Optimal Design



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Conforms to UL STD.
Certified to CSA
STD. C22.2 № 250.0
model EM100
[Link to certification](#)

Installation Instruction



- * Read instruction completely before installation.
- * Turn off electricity before wiring.
- * Only qualified personal should install the unit
- * Installation must comply with the NEC.
- * Ensure the unit has input, output voltage and output wattage proper for your application.

Mounting

The transformer must be mounted in a free flow air space for proper ventilation.

The maximum ambient temperature should not exceed 50 deg. C (110 deg. F)

Use the two keyholes in enclosure to mount transformer vertically with wire compartment pint down.

Connection

Open the door. Remove knockout for output, install strain reliefs (wire clamps).

Input Connection

This transformer is configured with line cord for easy input connection by plugging it into 120V 60Hz receptacle.

Output Connection

Bring your 12V lights wires through output strain relief and connect to the terminal block follow to the indicated polarity. Make sure all your connection are very tight

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.

Photocell and Timer Instalation

This unit has build in timer and photocell option. To install timer unplug the timer cord from timer socket and plug it in the timer output socket, then plug timer to the timer socket.

To install a photocell unplug photocell connector with the wire loop and plug photocell connector to the photocell socket.

