



PROJECT	DATE
TYPE	CATALOG #



## 50W MICRO TRANSFORMER

### 120V AC TO 12V DC

### TR-50-DC-MICRO

#### Transformer

Dimmable with any LV magnetic dimmer as long as you cover dimmer's min load.

Temperature class B(130°C)

Input leads are 18AWG 600V

Output leads are 18AWG 300V

Leads max. operational temperature is 105°C

Thermal self reset primary breaker 1.25A

Thermal self reset secondary breaker 5A

#### Housing

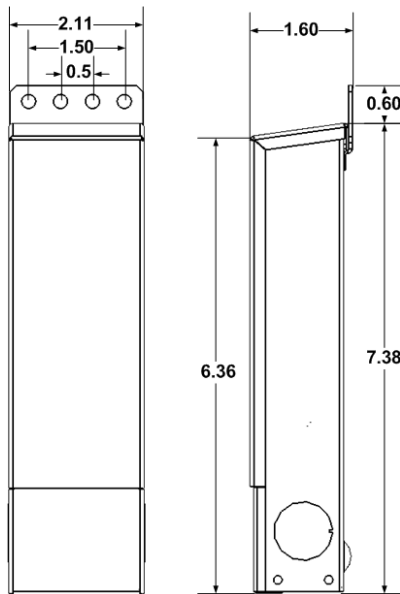
The actual transformer 50W is encapsulated in the enclosure

The enclosure is Black Powder Coated Steel, NEMA 3R rated

Wiring compartment has 2 knockouts sizes for 3/8 inch screw cable connectors

Enclosure Temperature does not exceed 75°C at 45°C ambient and fully loaded

Dimensions (inch): H = 7, W = 2.11, D = 1.54



#### Electrical Parameters

Input Voltage: **120V 60Hz**

Output voltage without load: **13.2VDC**

Output voltage fully loaded: **11.6VDC**

Max. Total Wattage: **50W**

Max. Output Current: **4.1A**

Efficiency: **85%**

#### 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 nIS 223  
 model EM50  
[Link to certification](#)