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MPD-MT-TT-240V-1.5KVA-120V-PR-M1

1.5 KVA 1-Ph Toroidal Transformer - 240V Input - 120V Output - 50/60 Hz - W/ Resin Filling - W/ Ventilated Black Steel Case - W/ Brazil Plug

Product ID: 313183



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MPD-MT-TT-240V-1.5KVA-120V-PR-M1 Toroidal Transformer

Type: Toroidal Transformer
Phase: Single Phase
Frequency: 50/60 Hz
Input Voltage: 240V
Output Voltage: 120 V
Capacity: 1.5 KVA
Temperature Rise: 80ºC
Insulation Class: 140ºC
Input Termination: Standard 250V 2-Pole, 3-Wire, North American plug [Brazil Plug] (NEMA 6-15P), 5ft Cord Length
Output Termination: (2) Standard 3-Wire Grounded Receptacles (NEMA 5- 15R)
Grounding Termination: Standard 3-Wire, North American Ground Plug
Protection: Included, Output Circuit Breaker
Operating Temperature: -40°C to +40°C
Resin Filling: Included
Core Material: Silicon Steel
Enclosure Material: Ventilated Steel Case
Enclosure Finish: Black
Mounting: Mounted Through Bolt, Rubber Mat. X2, Iron Cover, Flat Washer, Lock Washer and nut
Dimensions: 8.7" x 10.63" x 7.0"
Weight: 34.39 lbs

Approvals/Ratings

cUL Listed
CE Listed
UL Listed
CSA Listed
Complied With North American Mark of Safety

Features

High Circuit Isolation
Low Noise
Light Weight
Cool Operation
Low Profile
Rocker Lighted ON-OFF Switch

Special Orders - Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
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The MPD-MT-TT-240V-1.5KVA-120V-PR-M1 from Larson Electronics is a toroidal transformer. It's a type of electrical transformer constructed with a torus or donut shaped core. Its primary and secondary windings are

wound across the entire surface of the torus core, separated by an insulating material. It's a passive machine that transfers electrical energy from one circuit to another using a magnetic field to induce an electromotive force.

Transformer Features: With a 1.5 KVA Rating, the MPD-MT-TT-240V-1.5KVA-120V-PR-M1 is a single phase toroidal transformer with an input voltage rating of 240V (3-Wire) and an output voltage rating of 120V (3-Wire). Transformer cores are typically made from silicon steel.

Mounting: Connected directly to the PCB. Adding a lead through a hole in the PCB does this. It's held in place by being soldered on the other side. The unit also features an operating temperature range of -40°C to +40°C.

Applications: These transformers are commonly used in applications requiring high signal resolution, such as audio systems, medical devices, measuring instruments, and power analyzers.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

Frequently Asked Questions (FAQ)