

MT-PCPU-1P-72.5KV-50KVAR-0.05UF-50.60HZ-M1

50 KVAR 1-Phase Power Capacitor Unit - 72.5 kV Rated Voltage, 0.05 uF, 50/60 Hz, Light Grey

Product ID: 344087

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MT-PCPU-1P-72.5KV-50KVAR-0.05UF-50.60HZ-M1

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.

MT-PCPU-1P-72.5KV-50KVAR-0.05UF-50.60HZ-M1 Power Capacitor Unit

Unit Type: Power Capacitor Unit, Externally Fused

Phase: Single Phase

Maximum continuous operating voltage (MCOV): ≥ 50.908 kV

Maximum permissible AC voltage (0.2 s duration / TOV): ≥ 58.950 kV

Maximum system voltage: 72.5 kV

BIL Voltage, 1.2/50 μ s lightning impulse: 350 kV crest

Power-frequency (low-frequency), short-duration withstand voltage: 140 kV rms

Capacitor Power Rating: 50 KVAR

Capacitance: 0.05 μ F/Phase

Rated Frequency: 50/60 Hz

Min. Creepage Distance: -

ΔC : -3 ~ +5%

Tan δ : < 0.035%

Internal Fuse: N/A

Impedance (ZFL @ 72.5 kV): -

Element In Parallel: (6)

Element In Series: (4)

Operating Temperature: -50°C to +40°C

Bushing Material: Porcelain, w/ Stud Connection

Ratings

Complies with CSA C22.1

Complies with IEEE Std 18-2002

Complies with IEEE 1036

Complies with IEC 60871-1

Complies with IEEE C62.11

Complies with IEC 60099-4

Complies with IEC 60137

Made in the USA

Features

Long Life, All-film, Low-loss capacitor unit

Faradol biodegradable dielectric fluid

Folded foil electrodes for reduced partial discharges

Designed and tested per IEEE Standard 18 and NEMA CP1

Galvanized steel racks for superior strength and resistance to corrosion

Factory-assembled and wired racks

Vertical or edge-mounted configurations



Bushing Qty: (2) Ungrounded, Fully Isolated
Insulation Fluid: Faradol 810 Insulation Fluid, Non-PCB Fluid
Fluid Capacity: 6.9 Gallons
Seismic Zone: Dev. +2
Wind Load: -
Snow Load: -
Altitude: <3,300ft Above Sea Level
Enclosure Material: Stainless Steel
Enclosure Finish: Munsell™ 5BG 7.0/0.4 Light Grey (ANSI #70)
Mount: Floor Mounted
Lifting Provisions: Included, (2) 0.47" x 0.87"
Distance Between the Bushings: 9.8" ±0.2"
Overall Dimensions: 18.5"W, 5.63"-D, 12.2"-H
Weight: 64.7 lbs
Shipping Dimensions: TBD
Shipping Weight: TBD

Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

The MT-PCPU-1P-72.5KV-50KVAR-0.05UF-50.60HZ-M1 is a 50 KVAR 1-Phase Power Capacitor Unit - 72.5 kV Rated Voltage, 0.05 uF, 50/60 Hz, Light Grey



Frequently Asked Questions (FAQ)

There are no Fags



Export Control Classification Number (ECCN): EAR99



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