Larson Electronics LLC
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Phone: 800.369.6671

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MPD-CPB-600KVAR-480V-N12-M1

600 KVAR Pad Mount Capacitor Bank - 480V Rated Voltage, 3-Phase, NEMA 12, Bell Green, W/ Capacitor Fuses and Contactor

Product ID: 341997

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



Image: MPD-CPB-600KVAR-480V-N12-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.

MPD-CPB-600KVAR-480V-N12-M1 MV Pad Mount Capacitor Bank

Unit Type: LV Pad Mount Capacitor Bank, Automatic
Phase: Three Phase
Wire: Four Wire
Voltage Rating: 480V
Capacitor Bank Rating: 600 KVAR
Capacitance Rating: 1.47 µF/Ph
Rated Frequency: 60 Hz
Capacitor Element: Dry, metallized dielectric, self-healing
Losses: Dielectric loss < 0.2 W/kVAr; Total loss < 0.4 W/kVAr
Protection: Pressure-sensitive rupture interrupters for each cell
Current Limiting Fuse: Included, Class T, 100 kA interrupting capacity
Capacitor Controller: Included, Solid-state, microprocessor-based
Power Factor Range: Adjustable from 0.80 to 0.95 lagging
Display: LED/LCD showing PF, THD, alarms, current, etc.
Alarm Capabilities: Overcurrent, overvoltage, overtemp, THD, loss of capacitance
Switching Steps: Configurable with delay and manual override
Inductors: Air-core, for surge suppression
Precharge Circuit: To prevent surge damage
Contactor: Three-pole; Bring on capacitors in one step

Ratings

CSA Certified
UL Listed
Meets ANSI C57.12.28
NEMA 12 Rated for Outdoor Use
UL 508A Certified
NFPA 70 Certified
IEEE 18 Certified
NEMA ICS 2 Certified
UL 810 Certified
NRTL Approved
Two Years Of Warranty
Made in the USA

Communication: Supports remote monitoring via network module
Operating Temperature: -40°C to +46°C
Humidity: 0-95%
Seismic: ASCE/SEI 7 compliant
Wind Load: TBD
Snow Load: TBD
Altitude: ≤ 6000ft
Lifting: Top four lifting points and bottom forklift holes are both available
Door: (3) Hinged Doors w/ Pad Lockable Handle
Enclosure Coating System: Primed with 3 mils of a polyamide epoxy Amercoat 385 and finished with 3 mils of an Amershield polyurethane
Enclosure Finish: Munsell™ 7GY 3.29/1.5 Bell Green
Enclosure Type: NEMA 12 Ventilated, Free Standing Tamper-proof and Weather-proof, Steel
Mount: Pad Mounted
Pad Dimensions: 72" x 94"
Dimensions: 51.2"-W x 70.87"-D x 102.36"-H
Weight: 3,747.86 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 MPD-CPB-600KVAR-480V-N12-M1 is an automatically/manually switched, pad-mounted power factor correction capable device designed for medium voltage applications in installations requiring precise maintenance of target power factor in a very small footprint. Unit includes cleared fuse indicator lights and manual on/off switching easily accessible on the front cover. Built-in controller (with optional communication capabilities) controls banks of contactor-connected capacitors.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS

Capacitor Bank Features: The MPD-CPB-600KVAR-480V-N12-M1 is a Low Voltage Three-Phase Pad Mount Capacitor Bank, 480V, 600 KVAR.

Benefits: The MPD-CPB-600KVAR-480V-N12-M1 from Larson Electronics meets or exceeds efficiency standards for United States and Canada. This results is overall lower cost of ownership throughout the life of the capacitor bank.

Safety: The MPD-CPB-600KVAR-480V-N12-M1 is an automatic capacitor bank which means that it provides operators with an increased level of protection against electric shock and injury. A capacitor bank can also suppress electrical noise in sensitive devices and transfer power between two circuits which must not be connected.

Applications: Power Factor Correction.

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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

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