

MPD-CP5-CLP7-DE0-1.T55.43.19.17.16.15-3.T14-M1

600-Amp Portable I-Line Panel Distribution System - 480V 3PH - Camlock Inputs, (13) Breakers

Product ID: 310152



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-CP5-CLP7-DE0-1.T55.43.19.17.16.15-3.T14-M1 -Temporary Power Distribution System

Line-in Cord: N/A

Line-in Cord Cap: 600A Single-pole 17-Series Male Camlock Receptacles (1) grn, brn, org, ylw [600V] w/Flip Covers

Primary Voltage (V): 480V AC Delta

Primary Phase (PH): 3-Phase (3PH)

Primary Frequency (HZ): 60 Hz (60-cycles)

Primary Panel: 480D 3PH 600A MLO Hinged 54Ckt. N3R

Primary Breakers: (1) 225A 3P MCCB [480V]; (1) 125A 3P MCCB [480V]; (1) 50A 3P MCCB [480V]; (1) 40A 3P MCCB [480V]; (1) 30A 3P MCCB [480V]; (1) 25A 3P MCB [480V]; (3) 20A 3P MCB [480V]; (4) 15A 3P MCB [480V]

Primary Outlets: 400A Single-pole 16-Series Female Camlock Receptacles (1) grn, brn, org, ylw [600V] w/Flip Covers

Primary Protection: MCCB Circuit Breakers; MCB Circuit Breakers

Transformer (KVA): N/A

Secondary Voltage (V): N/A

Secondary Phase (PH): N/A

Secondary Frequency (HZ): N/A

Secondary Panel: N/A

Secondary Breakers: N/A

Secondary Outlets: N/A

Secondary Protection: N/A

Form Factor: Blue Powder Coated N3R Hinged Enclosure

Doors: -

Frame Material: Steel

Frame Finish: -

Cart Handle Orientation: -

Ratings

Max Primary OCP: 600A @ 480V

Max Secondary Output: -

NEMA 3R Indoor or Outdoor Use

Made in the USA

NRTL Certified to UL 1640

NRTL Certified to CSA C22.2 No. 14

Powder Coat Finish Standards:

Complies with ASTM D-523

Complies with ASTM D-3359

Complies with ASTM D-522

Complies with ASTM D-3363

Complies with ASTM D-2794

Special Orders - Special Requirements

Lifting Eyelet: (2) Top Located
Skid Pockets: (2) Bottom Located
Casters: N/A
Dimensions: 34"-W x 30"-D x 69"-H
Weight: N/A

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.

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

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

Made in Texas

The Larson Electronics MPD-CP5-CLP7-DE0-1.T55.43.19.17.16.15-3.T14-M1 temporary power distribution system features three-phase 480V AC Delta electrical current for industrial applications. This unit provides operators the ability to safely tap into and distribute 480V AC power from a variety of sources including generators and direct grid power.

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

The MPD-CP5-CLP7-DE0-1.T55.43.19.17.16.15-3.T14-M1 temporary power distribution system gives operators the ability to power their 480 volt equipment from a single system.

Operation:

- Primary Voltage: 3-phase 480V AC Delta
- Primary Receptacles: 400A Single-pole 16-Series Female Camlock Receptacles (1) grn, brn, org, ylw [600V] w/Flip Covers
- Transformer: N/A
- Secondary Voltage: N/A
- Secondary Receptacles: N/A

*See specification table at the top of the page for more information about the power distribution system.

Protective Construction: This temporary power distribution panel is ruggedly constructed to withstand demanding conditions and industrial applications. The system is accessible via front locking doors for access to breakers on the panels. The receptacles are side mounted to the enclosure and provide weatherproof flip covers. This model is equipped with bottom-located forklift skid pockets and top-located lifting eyelets, which allows easy lifting with cable or chain hooks. An external protects the panel from external damage while in the field.

The power distribution system is constructed of steel with a polyester powder coated finish for durability against dirt, moisture and mild corrosion. This special coating creates a high-strength barrier for protection from accidental bumps and scratches. The TGIC polyester powder coat finish offers reliable resistance against chemicals, UV light (sun light) and degrading elements in outdoor locations. Our powder coating solution ensures robust color retention for many years without fading. Custom colors, such as black, grey, white, desert tan or forest green, and galvanized finishes are available upon request. Non-standard powder coat colors or galvanized finishes may increase price and lead times.

The load center/distribution assembly is mounted to a 2" x 2" x 1/8" thick steel frame resulting in an extremely stable, durable, and mobile power distribution platform. A top located lift eye allows easy lifting with cable or chain hooks. This temporary power distribution solution can be modified to meet the needs of job-site receptacle requirements. Larger units are available upon request and can be equipped with skids or trailer mounted.

Certification: All units are built in accordance to NFPA 70 (National Electric Code) and NRTL certified to UL 1640. All equipment is NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, and ice. NEMA 4 and NEMA 4X equipment can be equipped upon request.

Grounding: Transformer is grounded to the frame and we provide a grounding lug on the frame for the earth ground.

~Please check all motor loads for dual rated motors that will work 208 or 240.~

Applications: This power distribution system is ideal for indoor or outdoor use and

applications including but not limited to, construction sites, plant maintenance, plant turnarounds, shows, exhibits, and shipyard operations. These power distribution systems are popularly used in applications where external power sources are often necessary. We also offer class rated transformers for use within explosion proof and hazardous location environments.

Custom Built Systems Available: Larson Electronics is a manufacturer and we can build portable power distribution systems to your specifications. Although we carry several models of portable power distribution systems in stock, 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)