Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

MPD-CF10-TB.800A-DE75YT-V07.E33.E26.E38.E28.N10-M1

10' Containerized Power Distribution System, 480V 3PH 800A Distro, 208Y/120 3PH 75 KVA, 23 Outputs

Product ID: 307255

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-CF10-TB.800A-DE75YT-V07.E33.E26.E38.E28.N10-M1 - Containerized Power Distribution System

Line In: Copper Buss
Line-in Cord Cap: Customer Provided
Primary Voltage (V): 480V AC Delta
Primary Phase (PH): 3-Phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Disconnect: (3) 3P 200A Disconnect Switch[480V], (3) 3P 100A Disconnect Switch[480V], (4) 3P 60A Disconnect Switch[480V]
Primary Panel: N/A
Primary Breaker(s): (1) 800A 3P MCCB[480V]
Primary Outlet(s): (3) 3P 200A 3P3W Pin and Sleeve Receptacle, (3) 3P 100A 3P3W Pin and Sleeve Receptacle, (4) 3P 60A 3P3W Pin and Sleeve Receptacle
Primary Protection: MCCB Circuit Breaker, Disconnects
Transformers (KVA): 75KVA 3PH 480V-208Y/120 Isolation Transformer
Secondary Voltage (V): 208Y/120V AC Wye
Secondary Phase (PH): 3-Phase (3PH)
Secondary Frequency (HZ): 60 Hz (60-cycles)
Secondary Panel: 3PH 208/120V 100A MLB 18 SPACES
Secondary Disconnect: (1) 3P+N 100A Disconnect Switch[240V], (6) 3P+N 60A Disconnect Switch[240V], (1) 3P+N Disconnect Switch[240V] FOR TRANSFORMER
Secondary Breaker(s): (2) 1P 20A 125V MCB, (2) 1P 15A 125V MCB
Secondary Outlet(s): (1) 3P 100A 4P4W Pin and Sleeve Receptacle, (6) 3P 60A 4P4W Pin and Sleeve Receptacle, (4) 1Ph 2P3W 20A Duplex GFCI Receptacle (2) 1Ph 2P3W 20A Duplex SmartLock Pro Slim Receptacle
Secondary Load: (2) 4' LED Linear Vapor Lights w/ On/Off Switch
Secondary Protection: MCB Breakers, Disconnects
Form Factor: 10x10 (10Gp) Shipping Container
Doors: -
Frame Material: -
Frame Finish: -
Lifting Eyelet: -
Skid Pockets: -
Dimensions: (*Please note that dimensions are approximate and subject to change*) 10'-L
Weight: -

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.

Ratings

Max Primary OCP: 800A @ 480V
Max Secondary Output: 200A @ 208V
NEMA 3R Indoor or Outdoor Use
Made in the USA
NRTL Certified to UL 1640

NRTL Certified to CSA C22.2 No. 14

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-214-616-6180

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 MPD-CF10-TB.800A-DE75YT-V07.E33.E26.E38.E28.N10-M1 from Larson Electronics is a Containerized Power Distribution System that converts three-phase 480V AC Delta electrical current to three-phase 208Y/120V AC Wye. This fully enclosed power distribution unit provides operators the ability to safely tap into and distribute 480V AC Delta 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-CF10-TB.800A-DE75YT-V07.E33.E26.E38.E28.N10-M1 containerized power distribution system gives operators the ability to power their 480 volt, 208 volt, and 120 volt equipment from a single system.

Operation:

• Primary Voltage: 480V AC Delta 3PH
• Primary Disconnect: (3) 3P 200A Disconnect Switch[480V], (3) 3P 100A Disconnect Switch[480V], (4) 3P 60A Disconnect Switch[480V]
• Primary Panel: N/A
• Primary Breaker(s): (1) 800A 3P MCCB[480V]
• Primary Outlet(s): (3) 3P 200A 3P3W Pin and Sleeve Receptacle, (3) 3P 100A 3P3W Pin and Sleeve Receptacle, (4) 3P 60A 3P3W Pin and Sleeve Receptacle
• Transformer(s): 75KVA 3PH 480V-208Y/120 Isolation Transformer
• Secondary Voltage: 208Y/120V AC Wye 3PH
• Secondary Disconnect: (1) 3P+N 100A Disconnect Switch[240V], (6) 3P+N 60A Disconnect Switch[240V], (1) 3P+N Disconnect Switch[240V] FOR TRANSFORMER
• Secondary Panel: 3PH 208/120V 100A MLB 18 SPACES
• Secondary Breaker(s): (2) 1P 20A 125V MCB, (2) 1P 15A 125V MCB
• Secondary Outlet(s): (1) 3P 100A 4P4W Pin and Sleeve Receptacle, (6) 3P 60A 4P4W Pin and Sleeve Receptacle, (4) 1Ph 2P3W 20A Duplex GFCI Receptacle (2) 1Ph 2P3W 20A Duplex SmartLock Pro Slim Receptacle

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

Protective Construction: This containerized power distribution unit is fully enclosed and is ruggedly constructed to withstand demanding conditions and industrial applications.

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)