Larson Electronics LLC
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MPD-CW15-TB.400AB-DE300YT-UZ-1.TL-M1

300 KVA Distribution Skid, 480V-208Y/120 3PH, Terminal Lug Input & Output

Product ID: 150886

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



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-CW15-TB.400AB-DE300YT-UZ-1.TL-M1 -Temporary Power Distribution System

Line-in Cord: Not Included - Requires Minimum Use Wiring 400A Rated Cu @ [600V] (**Customer Provided**)
Line-in Cord Cap: Not Included - Requires Minimum Use Service Device 400A @ [480V] (**Customer Provided**)
Primary Voltage (V): 480V AC Delta
Primary Phase (PH): 3-Phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: 480V 3PH 400A Hinged Breaker Enclosure N3R
Primary Breaker: (1) 400A 3P MCCB [480V]
Primary Outlets: N/A
Primary Protection: MCCB Breaker
Transformer (KVA): 300 KVA 480V to 208Y/120V 3PH N3R
Secondary Voltage (V): 208/120V AC Wye
Secondary Phase (PH): 3-Phase (3PH)
Secondary Frequency (HZ): 60 Hz (60-cycles)
Secondary Panel: (**Customer Provided**)
Secondary Breakers: (**Customer Provided**)
Secondary Outlets: (**Customer Provided**)
Secondary Protection: (**Customer Provided**)
Form Factor: Blue Powder Coated Steel Open Cube w/ Casters
Frame Material: Steel
Frame Finish: High-strength TGIC Polyester Powder Coated Blue
Lifting Eyelet: (4) Top Located
Skid Pockets: (2) Bottom Located

Ratings

Max Primary OCP: 400A @ 480V
Max Secondary Output: 833A @ 208V
NEMA 3R
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
Contact us for special requirements

Casters: (4) Locking Casters

Dimensions: 80"L x 44"W x 73"H

Weight: 2500 lbs

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.

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-CW15-TB.400AB-DE300YT-UZ-1.TL-M1 Power Distribution Substation co three-phase 480V AC electrical current to three-phase 208Y/120V AC. This power distribution unit provides operators the ability to safely tap into and distribute 480V AC power from a variety of sour including generators and direct grid power.

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

The MPD-CW15-TB.400AB-DE300YT-UZ-1.TL-M1 temporary power distribution system gives operators the abili power their 208 volt and 120 volt equipment from a single system.

Operation:

- Primary Voltage: 3-phase 480V AC, Delta
- Primary Receptacles: N/A
- Transformer: 300 KVA 480V to 208Y/120V 3PH N3R
- Secondary Voltage: 3-phase 208/120V AC Wye
- Secondary Receptacles: (**Customer Provided**)

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

Protective Construction: This temporary power distribution unit features an open frame cube design and is ru constructed to withstand demanding conditions and industrial applications. The model is equipped with bottom- forklift skid pockets and four top-located lifting eyelets, which allows easy lifting with cable or chain hooks. Fou casters at the base provides mobility around work sites.

The power distribution system is constructed of steel with a polyester powder coated blue finish for durability ag dirt, moisture and mild corrosion. This special coating creates a high-strength barrier for protection from accide bumps and scratches. The TGIC polyester powder coat finish offers reliable resistance against chemicals, UV lig light) and degrading elements in outdoor locations. Our powder coating solution ensures robust color retention many years without fading. Custom colors, such as black, grey, desert tan or forest green, and galvanized finis available upon request. Non-standard powder coat colors or galvanized finishes may increase price and lead tim The transformer and load center/distribution assembly is mounted to a standard steel cube style frame resultin extremely stable, durable and mobile power distribution platform. This temporary power distribution solution ca modified to meet the needs of job-site receptacle requirements. Larger units are available upon request and ca equipped with skids or trailer mounted.

Certification: All units are built in accordance to NFPA 70 (National Electric Code) and NRTL certified to UL 164 equipment is NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, 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 g ~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 n limited to, construction sites, plant maintenance, plant turnarounds, shows, exhibits, and shipyard operations. T power distribution systems are popularly used in applications where external power sources are often necessary 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 distr systems to your specifications. Although we carry several models of portable power distribution systems in stoc can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your need 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)






ON
OFF
CAUTION
HIGH VOLTAGE



MPD-CW15-TB.400AB-DE300YT-UZ-1.TL-M1

Product ID: 150886

Harmonized System (HS) Code: 8504.21.0040

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- Catalog Page - Product Series
- Certificate 1, Misc
- Operations Manual
- Single Line Diagram (One-Line Diagram)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map