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MPD-CD2-CLPF-DE30YT-FG-CLP-M1

30 kVA Temporary Power Distribution - 480V Delta to 208V Delta 3PH - 150A E1015-Male Cam-locks Line-in - 400A E1016-Female Cam-locks Line-out

Product ID: 270593

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.

This unit is Made In USA - Manufactured in Texas

MPD-CD2-CLPF-DE30YT-FG-CLP-M1 -Temporary Power Distribution

Line In: (4) 150A E1015 Male Cam-Locks [(1) Green, (1) Brown, (1) Orange, (1) Yellow]
Primary Voltage: 480 V Delta AC, 3PH
Primary Disconnects: (1) Disco. 3PH 60A N3R Fused @ 50A [480V]
Primary Protection: Disconnect Switch, Time Delay Fuses, Weatherproof Cover
Transformer: 30 kVA 480V to 208V 3PH 60 Hz N3R
Secondary Voltage: 208 V Delta
Secondary Disconnect: (1) Disco. 3PH 60A N3R Fused @ 60A [240V]
Secondary Breakers: -
Secondary Line-out Device: (4) 400A E1016 Female Cam-Locks [(1) Green, (1) Black, (1) Red, (1) Blue]
Secondary Protection: Disconnect Switch, Time Delay Fuses, Weatherproof Cover
Form Factor: Powder Coated Steel Dolly Cart w/ Run Flat Tires
Dimensions: W-40" X D-40" X H-48"
Weight: 350 lb

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: 50 A @ 480 V
Max Secondary Output: 60 A @ 208 V
NEMA 3R Indoor or Outdoor Use
Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
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All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

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The MPD-CD2-CLPF-DE30YT-FG-CLP-M1 from Larson Electronics is a Temporary Power Distribution System that converts three-phase 480 V Delta AC electrical current into three-phase 208 V Delta. This unit provides operators the ability to safely tap into and distribute 480 V Delta 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*

Portable Power Distribution Purpose and Use: The MPD-CD2-CLPF-DE30YT-FG-CLP-M1 portable power distribution system gives operators the ability to power their 208 volt Delta equipment from a single system. On the primary side, operators connect 480 V Delta via four 150A E1015 male cam-locks (one green, one brown, one orange, one yellow) for 480V equipment. On the secondary side, operators connect to four 400A E1016 female cam-locks (one green, one black, one red, one blue) for 208 V Delta equipment. All receptacles are equipped with weatherproof covers.

Operation: Four 150-amp 480V E1015 male cam-locks bring three-phase 480 V Delta power to the first NEMA 3R 60-amp, three-phase 480V primary disconnect, which contains three 50-amp time delay fuses. The NEMA 3R 30 kVA transformer converts 480 V Delta to 208 V Delta 60 Hz and passes the current to the secondary side. On the secondary side, a second NEMA 3R 60-amp disconnect which contains three 60-amp time delay fuses protects four 400A E1016 female line-out cam-locks.



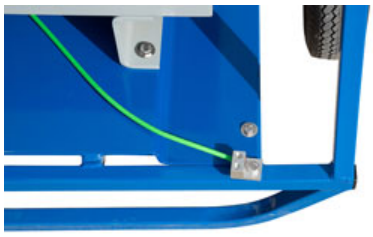
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Click Photo to Enlarge



Click Photo to Enlarge

Protective Construction: The transformer and load center/distribution assembly is mounted to a powder coated steel, dolly cart style frame resulting in an extremely stable, durable, and mobile power distribution platform. Two run-flat rubber tires and a dolly cart style mounting platform provides easier substation mobility, and a center point lift point 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. Units are available up to 150KVA 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 NEMA 3R rated and ideal for

indoor/outdoor use and applications including but not limited to; construction sites, plant maintenance, plant turnarounds, shows, exhibits and shipyard operations. Larson Electronics is a manufacturer and as such can build portable transformer systems to your specifications. Although we carry several models of power distribution transformers, 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)

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CAUTION
ON / OFF



MPD-CD2-CLPF-DE30YT-FG-CLP-M1

Product ID: 270593

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- ANSI Certificate 1
- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- Catalog Page - Product Series
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 5, Misc
- Operations Manual
- RoHS Certificate (Restriction of Hazardous Substances)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map