Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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MPD-CC1-CS.50A-DE25SZ-HZ-1.C04-1.C02-4.N09-4.U2-M1

25 KVA Power Distribution Skid, 480V-120/240V 1PH, (1) CS6369 (1) CS8269 & (4) 5-20R DPLX

Product ID: 274645

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

Image: MPD-CC1-CS.50A-DE25SZ-HZ-1.C04-1.C02-4.N09-4.U2-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-CC1-CS.50A-DE25SZ-HZ-1.C04-1.C02-4.N09-4.U2-M1 Power Distribution

Line-In Cord: 20' #6/3 AWG TYPE SOOW Cord [600V]
Line-in Cord Cap:CS8165C California Standard Twist-Lock 50A Plug [480V]

Primary Voltage: 480V AC Delta

Primary Phase: 3-phase
Primary Frequency: 60 Hz
Primary Breakers: (1) 60A 2P MCCB [480V]
Primary Outlets: -
Primary Protection: MCCB Circuit Breaker
Transformer: 25KVA 480V to 120/240V 1PH N3R
Secondary Voltage: 240V AC
Secondary Phase: 1-Phase
Secondary Frequency: 60 Hz
Secondary Panel: 125/250V 1PH 104.2A MLO N3R
Secondary Breakers: (1) 50A 2P MCB [250V]; (1) 40A 2P MCB [250V]; (4) 20A 1P GFCI MCB [125V]
Secondary Outlets: (1) CS6369 California Standard Twist-Lock [125/250V]; (1) CS8269 California Standard Twist-Lock [250V]; (4) 5-20R NEMA DPLX [125V]
Secondary Protection: MCB Circuit Breakers; GFCI's; Weather-proof Covers

Ratings

Max OCP Primary: 60A @ 480V
Max OCP Secondary: 104.2A @ 208V
NRTL Certified to UL 1640 Portable Power-Distribution Equipment
NEMA 3R/4X Indoor / Outdoor Use
Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Form Factor: Blue Powder Coated Open Cube w/ Fork Skids
Frame Materials: Powder Coated Steel Frame
Dimensions: -
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.

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
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

Made in Texas

The Larson Electronics MPD-CC1-CS.50A-DE25SZ-HZ-1.C04-1.C02-4.N09-4.U2-M1 Temporary Power Distribution Substation converts three-phase 480V AC electrical current into single-phase 240V AC. 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. With all system components mounted on a heavy-duty skid cube frame (no casters), this power distribution system is designed for arctic environments that frequently experience snow and ice.

• Primary Voltage: 3-phase 480V AC, Delta

• Primary Receptacles: N/A

• Transformer: 25KVA 480V to 120/240V 1PH N3R

• Secondary Voltage: 1-phase 240V AC

• Secondary Receptacles: (1) CS6369 California Standard Twist-Lock [125/250V]; (1) CS8269 California Standard Twist-Lock [250V]; (4) 5-20R NEMA DPLX [125V]

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

Protective Construction: Unlike many portable power distribution boxes made of plastic and utilizing thin gauge, low grade metals in their construction, this unit is designed for serious use and is ruggedly constructed to withstand demanding conditions and heavy duty industrial applications. The transformer and load assembly is mounted on a 3/16" thick carbon steel mounting platform and the load center/distribution assembly is mounted to the standard 2" x 2" x 1/8" square carbon steel tubing frame, resulting in an extremely stable, durable and well protected power distribution platform.

This model is equipped with forklift skid pockets and a top located lifting eyelet which allows easy lifting with cable or chain hooks. This can be replaced for an additional cost with stainless steel, hot dip galvanized steel, or aluminum depending on the customer's needs. 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 certified to UL 1640. All equipment is NEMA 4X/NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, and ice. NEMA 4 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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ANSI Certificate 1**(https://www.larsonelectronics.com/images/product/ANSICert1/274645.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/274645.PDF)
- **Catalog Page - Product Series**(https://www.larsonelectronics.com/images/product/CatalogPage/274645.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/274645.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/274645.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/274645.PDF)
- **Certificate 5, Misc**(https://www.larsonelectronics.com/images/product/Cert5/274645.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/274645.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/274645.PDF)
- **Single Line Diagram (One-Line Diagram)**(https://www.larsonelectronics.com/images/product/Oneline/274645.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/274645.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/274645.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/274645.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/274645.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/274645.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/274645.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/274645.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/274645.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/274645.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/274645.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/274645.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)