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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Product ID: 280099

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-SR-CS.50AB-SV0SV-ZZ-1.WFC-2.L05-6.N09-M1 -Temporary Power Distribution System

Line-in Cord: 8' #8/3 AWG TYPE SOOW Cord
Line-in Cord Cap: CS6361C California Standard Twist-Lock Male Plug [125V]
Primary Voltage (V): 120V AC
Primary Phase (PH): 1-Phase (1PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: 120 1PH 50A MLO Black Distribution Box N1 with Ground Filtration/Surge Suppressor & Wave Corrector
Primary Breakers: (2) 30A 1P MCB [250V]; (6) 20A 1P MCB [125V]
Primary Outlets: (2) L5-30R NEMA Twist-Lock [125V]; (6) 5-20R NEMA DPLX [125V]
Primary Protection: MCB Circuit Breakers; Ground Filtration/Surge Suppressor & Wave Corrector
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: Black Powder Coated Distribution Box w/ Rubber Legs
Doors: -
Frame Material: Steel
Frame Finish: High-strength TGIC Polyester Powder Coating
Cart Handle Orientation: -
Lifting Eyelet: -
Skid Pockets: -
Casters: -
Dimensions: 18"L x 15"D x 10"H (Max)
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: 50A @ 120V
Max Secondary Output: N/A
NEMA 1 Indoor 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

Contact us for special requirements
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

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The Larson Electronics MPD-SR-CS.50AB-SV0SV-ZZ-1.WFC-2.L05-6.N09-M1 is a Portable Spider Box for indoor applications. This unit allows operators to use single-phase 120V AC power via an 8` SOOW line-in cord with a male plug. The device is equipped with ground filtration, surge suppressor, wave corrector and eight output receptacles for 125V equipment. For robust protection, the spider box is NEMA 1 rated.

This portable spider box has an 8` #8/3 AWG Type SOOW cord with a 50-amp CS6361C 125V California Standard twist-lock male plug for bringing power into the unit. The device supports two 30-amp 1-pole 250V main circuit breakers protecting two 30-amp L5-30R 125V NEMA twist-lock receptacles and six 20-amp 1-pole 125V main circuit breakers protecting six 20-amp 5-20R 125V NEMA duplex receptacles. Equipped with ground filtration, surge suppressor and wave corrector, the GFI trip level is set to 4-6 mA with a maximum trip time of 25 mS. The MPD-SR-CS.50AB-SV0SV-ZZ-1.WFC-2.L05-6.N09-M1 spider box features short circuit, overload, open neutral and reverse phasing protection. Should circuit overload occur, the unit will automatically shut down to protect the spider box from damage.

The housing on the MPD-SR-CS.50AB-SV0SV-ZZ-1.WFC-2.L05-6.N09-M1 is constructed of steel with a NEMA 1 enclosure rating. This device features heavy-duty impact/flame resistant weatherproof covers. Rubber legs at the base of the unit promotes stability during use.

Certification: All units are built in accordance to NFPA 70 (National Electric Code). This equipment is NEMA 1 rated for indoor use. NEMA 3R, 4 and NEMA 4X equipment are available upon request.

Applications: Indoor applications including but not limited to, construction sites, plant maintenance, plant turnarounds, shows, exhibits and shipyard operations. These units 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.

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

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Links (Click on the below items to view):

- **ANSI Certificate 1**(https://www.larsonelectronics.com//images/product/ANSICert1/280099.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com//images/product/CECCert/280099.PDF)
- **Catalog Page - Product Series**(https://www.larsonelectronics.com//images/product/CatalogPage/280099.PDF)
- **CE Certificate**(https://www.larsonelectronics.com//images/product/CECert/280099.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com//images/product/Cert1/280099.PDF)
- **Certificate 5, Misc**(https://www.larsonelectronics.com//images/product/Cert5/280099.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/280099.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com//images/product/RoHSCert/280099.PDF)
- **Single Line Diagram (One-Line Diagram)**(https://www.larsonelectronics.com//images/product/Oneline/280099.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com//images/product/NECCert/280099.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com//images/product/WiringDiagram/280099.PDF)
- **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)