Larson Electronics LLC
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MPD-CS2-CS.50AB-DE0-Z-5.L25-M1

Portable Spider Box, 480V AC Delta Input, (5) L16-20R Outlets, CS8175 California-Style Twist-Lock Inlet, Steel/Safety Yellow, NEMA 3R

Product ID: 342280

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



Image: MPD-CS2-CS.50AB-DE0-Z-5.L25-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.

This unit is Made In USA - Manufactured in Texas

MPD-CS2-CS.50AB-DE0-Z-5.L25-M1 Spider Box

Line-In Cord: N/A
Line-In Cord Cap: CS8175 California-Style Twist-Lock Inlet [480V]
Primary Voltage: 480V AC Delta
Primary Phase: 3-Phase (3PH)
Primary Frequency: 60 Hz (60-cycles)
Primary Panel: 480V 3PH 50A MLO Yellow Spider Box N3R
Primary Breaker(s): (5) 20A 3P MCB [480V]
Primary Outlet(s): (5) L16-20R NEMA Twist-Lock Receptacles [480V]
Primary Protection: MCB Circuit Breakers; Weatherproof Covers
Housing Material: Steel
Form Factor: Yellow Powder Coated Spider Box w/ Legs
Mounting: Portable/Base Stand
Dimensions: -
Weight: -

Ratings/Approvals

Max Primary OCP: 50A @ 480V
NRTL Certified to UL 1640
NEMA 3R Weatherproof
Overload Protection
Short Circuit Protection

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

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The MPD-CS2-CS.50AB-DE0-Z-5.L25-M1 from Larson Electronics is a Portable Spider Box for indoor, outdoor, and rugged applications. This unit allows operators to use three-phase 480V AC Delta power via a CS8175 California-Style twist-lock inlet. The device is equipped with five output receptacles for equipment. For robust protection, the safety yellow spider box is NEMA 3R rated and protected by impact/flame resistant weatherproof covers.

This portable spider box has a CS8175 California-Style twist-lock inlet for bringing power into the unit. The device is compatible with three-phase 480V AC Delta. Operators may access five 20-amp 3-pole 480V miniature circuit breakers protecting five 20-amp 480V L16-20R NEMA twist-lock outlets on the system. The MPD-CS2-CS.50AB-DE0-Z-5.L25-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.

Operation:

• Primary Voltage: 480V AC Delta 3PH

• Primary Panel: 480V 3PH 50A MLO Yellow Spider Box N3R

• Primary Breaker(s): (5) 20A 3P MCB [480V]

• Primary Outlet(s): (5) L16-20R NEMA Twist-Lock Receptacles [480V]

• Transformer: N/A

• Secondary Voltage: N/A

• Secondary Panel: N/A

• Secondary Breaker(s): N/A

• Secondary Outlet(s): N/A

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

The housing on the MPD-CS2-CS.50AB-DE0-Z-5.L25-M1 is constructed of steel with a NEMA 3R enclosure rating. This safety yellow device is approved for wet locations and features heavy-duty impact/flame resistant weatherproof covers. Two angled black legs at the base of the unit and low center of gravity ensures this spider box does not tip over in the field.

Certification: All units are built in accordance to NFPA 70 (National Electric Code). 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.

Applications: Indoor or outdoor 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/ANSICert1/342280.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/342280.PDF)
- **Catalog Page - Product Series**(https://www.larsonelectronics.com/images/product/CatalogPage/342280.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/342280.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/342280.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/342280.PDF)
- **Certificate 5, Misc**(https://www.larsonelectronics.com/images/product/Cert5/342280.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/342280.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/342280.PDF)
- **Single Line Diagram (One-Line Diagram)**(https://www.larsonelectronics.com/images/product/Oneline/342280.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/342280.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/342280.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/342280.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/342280.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/342280.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/342280.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/342280.JPG)
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- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/342280.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/342280.JPG)
- **Video1**(https://www.youtube.com/watch?v=qfbVJzYA6Bo)
- **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)