Larson Electronics LLC
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**Product ID: 314502**

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



Image:

**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.50AF-SZ0-Z-1.C04-1.L09-6.N10-M2 Spider Box**
**Line In:** CS6375 California Standard Twist-Lock Male Inlet [125/250V]
**Line Out:** CS6369 California Standard Twist-Lock Female Feed-thru Outlet [125/250V]
**Primary Voltage:** 120/240V AC
**Primary Phase:** 1-Phase
**Primary Frequency:** 60 Hz
**Primary Panel:** 120/240V 1PH 50A MLO Yellow Spider Box N3R
**Primary Breaker(s):** (1) 30A 2P GFCI-MCB [250V]; (6) 20A 1P MCB [125V]
**Primary Outlet(s):** (1) L6-30R NEMA Twist-Lock [250V]; (6) 5-20R NEMA DPLX GFCI [125V]
**Primary Protection:** MCB Circuit Breakers; GFCI's
**Housing Material:** Steel
**Form Factor:** Yellow Powder Coated Spider Box w/ Legs
**Mounting:** Portable/Base Stand
**Dimensions:** -
**Weight:** -

**Ratings/Approvals**
**Max Primary OCP:** 50A @ 240V
**Min Primary OCP:** -
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

**This unit is Made In USA - Manufactured in Texas**

**The MPD-CS2-CS.50AF-SZ0-Z-1.C04-1.L09-6.N10-M2 from Larson Electronics is a**

**Portable Spider Box for indoor, outdoor, and rugged applications. This unit allows operators to use single-phase 120/240V power via a 50-amp CS6375 twist-lock male inlet. The device supports one CS6369 feed through receptacle for 125/250V equipment, as well as one L6-30R GFCI Twist-lock and six 5-20 GFCI duplex output receptacles for equipment. For robust protection, the safety yellow spider box is NEMA 3R rated and protected by impact/flame resistant weatherproof covers.**

**Operation:**

• Primary Voltage: 120/240V AC 1PH

• Primary Panel: 120/240V 1PH 50A MLO Yellow Spider Box N3R

• Primary Breaker(s): (1) 30A 2P GFCI-MCB [250V]; (6) 20A 1P MCB [125V]

• Primary Outlet(s): (1) L6-30R NEMA Twist-Lock [250V]; (6) 5-20R NEMA DPLX GFCI [125V]

• 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.

This portable spider box has a 50-amp CS6375 125/250V California Standard twist-lock male inlet for bringing single-phase 120/240V power into the unit. The device supports one 50-amp CS6369 125/250V California Standard twist-lock female feed-thru receptacle. Operators may access one 30-amp 2-pole 250V GFCI miniature circuit breaker protecting one 30-amp L6-30R 250V NEMA twist-lock outlet and six 20-amp 1-pole 125V miniature circuit breaker protecting six 20-amp 5-20 NEMA GFCI duplex outlets.

The MPD-CS2-CS.50AF-SZ0-Z-1.C04-1.L09-6.N10-M2 spider box features short circuit and overload protection. Should circuit overload occur, the unit will automatically shut down to protect the spider box from damage.

The housing on the MPD-CS2-CS.50AF-SZ0-Z-1.C04-1.L09-6.N10-M2 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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**Product ID: 314502**

**Export Control Classification Number (ECCN):** EAR99

Links (Click on the below items to view):

- **ANSI Certificate 1**( https://www.larsonelectronics.com//images/product/ANSICert1/314502.PDF )
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**( https://www.larsonelectronics.com//images/product/CECCert/314502.PDF )
- **Catalog Page - Product Series**( https://www.larsonelectronics.com//images/product/CatalogPage/314502.PDF )
- **CE Certificate**( https://www.larsonelectronics.com//images/product/CECert/314502.PDF )
- **Certificate 1, Misc**( https://www.larsonelectronics.com//images/product/Cert1/314502.PDF )
- **Certificate 5, Misc**( https://www.larsonelectronics.com//images/product/Cert5/314502.PDF )
- **MSDS (Material Safety Data Sheet**( https://www.larsonelectronics.com//images/product/Msds/314502.PDF )
- **RoHS Certificate (Restriction of Hazardous Substances)**( https://www.larsonelectronics.com//images/product/RoHSCert/314502.PDF )
- **Single Line Diagram (One-Line Diagram)**( https://www.larsonelectronics.com//images/product/Oneline/314502.PDF )
- **USA NEC Certificate (Commonly referred to as UL Certificate)**( https://www.larsonelectronics.com//images/product/NECCert/314502.PDF )
- **Wiring Diagram**( https://www.larsonelectronics.com//images/product/WiringDiagram/314502.PDF )
- **HigResPic1**( https://www.larsonelectronics.com//images/product/HigResPic1/314502.JPG )
- **HigResPic2**( https://www.larsonelectronics.com//images/product/HigResPic2/314502.JPG )
- **HigResPic3**( https://www.larsonelectronics.com//images/product/HigResPic3/314502.JPG )
- **HigResPic4**( https://www.larsonelectronics.com//images/product/HigResPic4/314502.JPG )
- **HigResPic5**( https://www.larsonelectronics.com//images/product/HigResPic5/314502.JPG )
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- **HigResPic9**( https://www.larsonelectronics.com//images/product/HigResPic9/314502.JPG )
- **HigResPic10**( https://www.larsonelectronics.com//images/product/HigResPic10/314502.JPG )
- **Video1**( https://www.youtube.com/watch?v=iEU4ZBzsfpg )
- **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 )