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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
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Product ID: 315847

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-CS2-309.100AB-YT0-Z-4.L08-1.N10-M1 Spider Box
Line-In Cord: N/A
Line-In Cord Cap: 5100B9W IEC 60309 100A Pin & Sleeve Inlet [208Y/120V]
Primary Voltage: 208Y/120V AC Wye
Primary Phase: 3-Phase
Primary Frequency: 60 Hz
Primary Panel: 208Y/120V 3PH 100A MCB Yellow Spider Box NEMA 3R
Primary Breaker(s): (4) 20A 2P MCB [250V]; (1) 20A 1P MCB [125V]
Primary Outlet(s): (4) L6-20R Twist-Lock Receptacle [250V]; (1) 5-20R NEMA Duplx-GFCI [125V]
Primary Protection: MCB Circuit Breakers; GFCI's
Transformer: N/A
Secondary Voltage: N/A
Secondary Breaker(s): N/A
Secondary Outlet(s): N/A
Secondary Protection: N/A
Housing Material: Steel
Form Factor: Yellow Powder Coated Spider Box w/ Legs
Mounting: Portable/Base Stand
Dimensions: -
Weight: -

Ratings/Approvals
Max Primary OCP: 100A @ 208V
Max Secondary OCP: 100A @ 208V
NRTL Certified to UL 1640
NEMA 3R Weatherproof
Overload Protection
Short Circuit Protection

Special Orders - Special Requirements
Contact us for special requirements
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The MPD-CS2-309.100AB-YT0-Z-4.L08-1.N10-M1 from Larson Electronics is a Portable Spider Box for indoor, outdoor, and rugged applications. This unit allows operators to use three-phase 208Y/120V AC Wye power via a 100-amp 5100B9W pin/sleeve male inlet. The device is equipped with four 20-amp duplex output receptacles for equipment. For robust protection, the powder coated white spider box is NEMA 3R rated and protected by impact/flame resistant weatherproof covers.

Operation:

• Primary Voltage: 208Y/120V AC Wye 3PH

• Primary Panel: 208Y/120V 3PH 100A MLO Yellow Spider Box N3R

• Primary Breaker(s): (4) 20A 2P MCB [250V]; (1) 20A 1P MCB [125V]

• Primary Outlet(s): (4) L6-20R Twist-Lock Receptacle [250V]; (1) 5-20R NEMA Duplx-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 100-amp 5100B9W 208Y/120V IEC 60309 male pin/sleeve plug for bringing three-phase 208Y/120V AC Wye power into the unit. The device supports four 20-amp 2-pole 250V miniature circuit breakers protecting four 20-amp L6-20R twist lock 250V outlets and one 20-amp 1-pole 125V miniature circuit breakers protecting one 20-amp 5-20R NEMA duplex 125V outlet. The MPD-CS2-309.100AB-YT0-Z-4.L08-1.N10-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-CS2-309.100AB-YT0-Z-4.L08-1.N10-M1 is constructed of steel with a NEMA 3R enclosure rating. This powder coated 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/ANSICert1/315847.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com//images/product/CECCert/315847.PDF)
- **Catalog Page - Product Series**(https://www.larsonelectronics.com//images/product/CatalogPage/315847.PDF)
- **CE Certificate**(https://www.larsonelectronics.com//images/product/CECert/315847.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com//images/product/Cert1/315847.PDF)
- **Certificate 5, Misc**(https://www.larsonelectronics.com//images/product/Cert5/315847.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/315847.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com//images/product/RoHSCert/315847.PDF)
- **Single Line Diagram (One-Line Diagram)**(https://www.larsonelectronics.com//images/product/Oneline/315847.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com//images/product/NECCert/315847.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com//images/product/WiringDiagram/315847.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/315847.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/315847.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/315847.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/315847.JPG)
- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/315847.JPG)
- **HigResPic6**(https://www.larsonelectronics.com//images/product/HigResPic6/315847.JPG)
- **HigResPic7**(https://www.larsonelectronics.com//images/product/HigResPic7/315847.JPG)
- **HigResPic8**(https://www.larsonelectronics.com//images/product/HigResPic8/315847.JPG)
- **HigResPic9**(https://www.larsonelectronics.com//images/product/HigResPic9/315847.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)