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: 306211

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-CS5-309.100AB-YT0-Z-15.N09-M1 Spider Box

Line-in Cord: N/A
Line-in Cord Cap (Input): 5100B9W IEC 60309 100A Pin & Sleeve Male Inlet [208Y/120V]
Primary Voltage (V): 208Y/120V AC Wye
Primary Phase (PH): 3-phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: 208Y/120V 3PH 100A MLO Yellow Spider Box N3R
Primary Breaker(s): (15) 20A 1P MCB [125V]
Primary Outlet(s): (15) 5-20R NEMA DPLX [125V]
Primary Protection: MCB Circuit Breakers; Weather-proof Device Covers
GFI Trip Level: N/A
Transformer (KVA): N/A
Secondary Voltage (V): N/A
Secondary Phase (PH): N/A
Secondary Frequency (HZ): N/A
Housing Material: Steel
Form Factor: Yellow Powder Coated Spider Box w/ Legs
Mounting: Portable/Base Stand
Dimensions: 33" x 29" x 14.05"
Weight: -

Ratings/Approvals

Max Primary OCP: 100A @ 208V
Max Secondary Output: N/A
NEMA 3R Indoor or Outdoor Use
NRTL Certified to UL 1640
NRTL Certified to CSA C22.2 No. 14
Made in the USA

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
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

This unit is Made In USA - Manufactured in Texas

The MPD-CS5-309.100AB-YT0-Z-15.N09-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 5100B9W electrical inlet. The device is equipped with eight 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: 208Y/120V AC Wye 3PH

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

• Primary Breaker(s): (15) 20A 1P MCB [125V]

• Primary Outlet(s): (15) 5-20R NEMA DPLX [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 IEC 60309 5100B9W male pin/sleeve inlet for bringing three-phase 208Y/120V AC Wye power into the unit. The device supports fifteen 20-amp 1-pole 125V miniature circuit breakers protecting fifteen 20-amp 5-20R NEMA GFCI Duplex outlets. The MPD-CS5-309.100AB-YT0-Z-15.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.

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.

The housing is constructed of steel with a NEMA 3R enclosure rating. The power distribution system has a polyester powder coated finish for durability against dirt, moisture, and mild corrosion. This special coating creates a high-strength barrier for protection from accidental bumps and scratches. The TGIC polyester powder coat finish offers reliable resistance against chemicals, UV light (sun light) and degrading elements in outdoor locations. Our powder coating solution ensures robust color retention for many years without fading. Custom colors, such as blue, black, grey, desert tan, or forest green, and galvanized finishes are available upon request. Non-standard powder coat colors or galvanized finishes may increase price and

lead times.

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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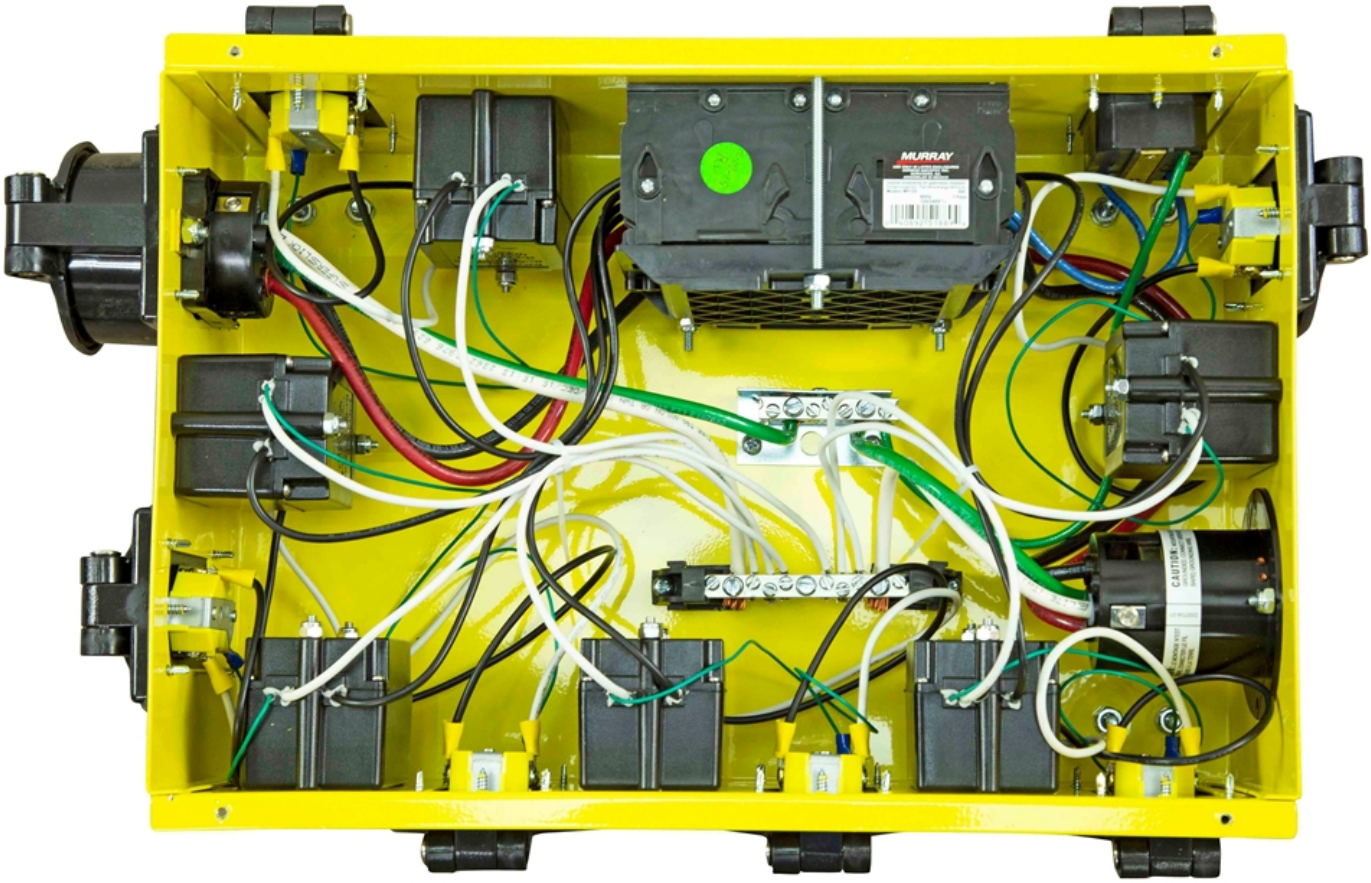

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ANSI Certificate 1**(https://www.larsonelectronics.com//images/product/ANSICert1/306211.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com//images/product/CECCert/306211.PDF)
- **Catalog Page - Product Series**(https://www.larsonelectronics.com//images/product/CatalogPage/306211.PDF)
- **CE Certificate**(https://www.larsonelectronics.com//images/product/CECert/306211.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com//images/product/Cert1/306211.PDF)
- **Certificate 5, Misc**(https://www.larsonelectronics.com//images/product/Cert5/306211.PDF)
- **Dimensional Drawing 2D**(https://www.larsonelectronics.com//images/product/DimensionalDrawing/306211.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/306211.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com//images/product/RoHSCert/306211.PDF)
- **Single Line Diagram (One-Line Diagram)**(https://www.larsonelectronics.com//images/product/Oneline/306211.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com//images/product/NECCert/306211.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com//images/product/WiringDiagram/306211.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/306211.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/306211.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/306211.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/306211.JPG)
- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/306211.JPG)
- **HigResPic6**(https://www.larsonelectronics.com//images/product/HigResPic6/306211.JPG)
- **HigResPic7**(https://www.larsonelectronics.com//images/product/HigResPic7/306211.JPG)
- **HigResPic8**(https://www.larsonelectronics.com//images/product/HigResPic8/306211.JPG)
- **HigResPic9**(https://www.larsonelectronics.com//images/product/HigResPic9/306211.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)