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MPD-SB16-CLP6.200AF-YT0-Z-C05L35L34L23L09L05N10-M1

200A Rack Mount Power Distribution, 208Y/120V, 3-Phase, (3) CS8369 (3) CS8269 (3) L21-30R (3) L21-20R (3) L6-30R (3) L5-30R (3) L5-20R (3) L15-20R (24) 5-20R GFCI Duplex Outlets, Camlock Line-In/Line-Out, 16U ATA Case, NEMA 3R

Product ID: 315289

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.

MPD-SB16-CLP6.200AF-YT0-Z-C05L35L34L23L09L05N10-M1 Rack Mount Power Distribution

Line-In: (1 Set) 400A Single-pole 16-Ser. Male Camlock Receptacles [Green, Black, Red, Blue, White] [600V] w/ Flip Covers
Line-Out: (1 Set) 400A Single-pole 16-Ser. Female Camlock Receptacles [Green, Black, Red, Blue, White] [600V] w/ Flip Covers
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 200A MLO N3R w/ Power Indicators & Meter
Primary Breakers: (3) 50A 3P MCB [250V]; (3) 50A 1P MCB [250V]; (3) 30A 3P MCB [250V]; (6) 20A 3P MCB [250V]; (3) 30A 2P MCB [250V]; (3) 30A 1P MCB [125V]; (27) 20A 1P MCB [125V]
Primary Outlets: (3) CS8369 Twist-Lock Receptacle [250V]; (3) CS8269 Twist-Lock Receptacle [250V]; (3) L21-30R Twist-Lock Receptacle [120/208V]; (3) L21-20R Twist-Lock Receptacle [120/208V]; (3) L6-30R Twist-Lock Receptacle [250V]; (3) L5-30R Twist-Lock Receptacle [125V]; (3) L5-20R Twist-Lock Receptacle [125V]; (3) L15-20R Twist-Lock Receptacle [250V]; (24) 5-20R NEMA Duplx-GFCI [125V]
Primary Protection: MCB Circuit Breakers; Flip Covers; GFCI's; Power Indicators & Neter
Transformer (KVA): N/A
Secondary Voltage (V): N/A
Secondary Phase (PH): N/A
Secondary Frequency (Hz): N/A
Secondary Panel: N/A

Ratings

Max Primary OCP: 200A @ 208V

Max Secondary Output: -

NRTL Listed to UL 508A
NRTL Listed to UL 1640
NRTL Listed to CSA C22.2 No. 14

Secondary Breakers: N/A
Secondary Outlets: N/A
Secondary Protection: N/A
Form Factor: 31" Rack Mount ATA Case, Shock Mount 16RU ATA Cube w/ (2) Swivel & (2) Locking Casters
Frame Materials: -
Dimensions: 24.75"-W x 38.75"-H x 28"-D
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.

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
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All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Made in Texas

The MPD-SB16-CLP6.200AF-YT0-Z-C05L35L34L23L09L05N10-M1 from Larson Electronics is a Rack Mount Power Distribution that is a portable power solution designed for stages, movie sets, concerts, and entertainment sites. This mobile power distribution unit provides operators the ability to safely tap into and distribute three-phase 208Y/120V AC Wye power from a variety of sources, including generators and direct grid power, found in motion picture production.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS*

Portable Power Distribution Purpose and Use: The MPD-SB16-CLP6.200AF-YT0-Z-C05L35L34L23L09L05N10-M1 portable power distribution system gives operators the ability to power their 208 volt and 120 volt equipment from a single system within live recording and entertainment venues. An accessible LCD monitor at the top of the unit allows highly visible monitoring of power usage and allocation during use. From equipment testing to live recording sets, these portable stations make power at busy production sites readily available and safe to use.

Operation:

- Primary Voltage: 208Y/120V AC Wye 3PH
- Primary Panel: 208Y/120V 3PH 200A MLO N3R w/ Power Indicators & Meter
- Primary Breaker(s): (3) 50A 3P MCB [250V]; (3) 50A 1P MCB [250V]; (3) 30A 3P MCB [250V]; (6) 20A 3P MCB [250V]; (3) 30A 2P MCB [250V]; (3) 30A 1P MCB [125V]; (27) 20A 1P MCB [125V]
- Primary Outlet(s): (3) CS8369 Twist-Lock Receptacle [250V]; (3) CS8269 Twist-Lock Receptacle [250V]; (3) L21-30R Twist-Lock Receptacle [120/208V]; (3) L21-20R Twist-Lock Receptacle [120/208V]; (3) L6-30R Twist-Lock Receptacle [250V]; (3) L5-30R Twist-Lock Receptacle [125V]; (3) L5-20R Twist-Lock Receptacle [125V]; (3) L15-20R Twist-Lock Receptacle [250V]; (24) 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.

On the primary side, operators connect three-phase 208Y/120V AC Wye line-in power using one set of 16 series male camlock inputs with flip covers (green, black, red, blue, white). The primary side contains three CS8369, three CS8269, three L21-30R, three L21-20R, three L6-30R, three L5-30R, three L5-20R, three L15-20R, and twenty-four 5-20R GFCI duplex outlets for equipment. The outlets are protected by flip covers.

One set of 400-amp 600V rated 16 series male camlock receptacles (green, black, red, blue, white) brings three-phase 208Y/120V AC Wye to the primary side of the system. The three-phase 208Y/120V AC Wye main lug only panel on the primary side has three 50A 3P 250V MCB breakers protecting three CS8369 outlets, three 50A 1P 250V MCB breakers protecting three CS8269 outlets, three 30A 3P 250V

MCB breakers protecting three L21-30R outlets, three 20A 3P 250V MCB breakers protecting three L21-20R outlets, three 30A 2P 250V MCB breakers protecting three L6-30R outlets, three 30A 1P 125V MCB breakers protecting three L5-30R outlets, three 20A 3P 250V MCB breakers protecting three L5-20R outlets, three 20A 1P 125V MCB breakers protecting three L15-20R outlets, and twenty-four 20A 1P 125V MCB breakers protecting twenty-four 5-20R GFCI duplex outlets.

Protective Construction: All components are secured inside a 31" rack mount ATA case. This black case features side-located handles for mobility around the production or recording site. Four casters (two swivel and two locking) are available at the bottom of the power distribution unit, which allows operators to move the station easily without lifting. Dual locking casters ensure stable use and safe storage when being transferred in trucks or other large vehicles. This durable case is resistant to shock and takes on a standard design that is similar with professional recording equipment. It can withstand frequent handling around live stages and loading/unloading at outdoor locations.

Certification: All units are built in accordance to NFPA 70 (National Electric Code) and NRTL certified to UL 1640. 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: This power distribution system is ideal for indoor or outdoor use and applications including but not limited to, movie sets, entertainment, television sets, stage lighting, studio recording, sporting events, rigging, audio and video production, concerts, and motion picture production. These power distribution systems 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.

Custom Built Systems Available: 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)

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Links (Click on the below items to view):

- ANSI Certificate 1
- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- Catalog Page - Product Series
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 5, Misc
- MSDS (Material Safety Data Sheet
- RoHS Certificate (Restriction of Hazardous Substances)
- Single Line Diagram (One-Line Diagram)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram
- HigResPic1
- HigResPic2
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- ISO 9001 Certification
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- Shipping Time Map