Larson Electronics LLC
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MPD-SC14-CLP6.400AF-YT0-Q4.CLR6-4.G01-6.L37.N09-M1

400A Rack Mount Power Distribution - 208Y/120V Wye 3-Phase - (6) L21-30R, (2) 19 Pin 6-ckt/20A Female Pnl Mnt, (2) 19 Pin 6-ckt/20A Female Pnl Mnt, (6) 5-20R Receptacles - Camlock Input/Output, PI - 14RU ATA

Product ID: 297766

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-SC14-CLP6.400AF-YT0-Q4.CLR6-4.G01-6.L37.N09-M1 Hard Case Power Distribution

Line-in: (1 Set) 400A Single-pole 16-Ser. Male Camlock Receptacles. [green, white, black, red, blue] [600V]
Line-out: (1 Set) 400A Single-pole 16-Ser. Female Camlock Receptacles. [green, white, black, red, blue] [600V]
Primary Voltage: 208Y/120 V Wye
Primary Phase: 3-Phase
Primary Frequency: 60 Hz
Primary Panel: 208Y/120V 3PH 400A MLO UL 508A & 1640 w/ Power Meter
Primary Breaker(s): (6) 30A 3P MCB [250V]; (2) 20A 3P MCB [250V]; (9) 20A 1P MCB [125V]
Primary Outlet(s): (6) L21-30R NEMA Twist-lock [208Y/120V]; (2) 19 Pin 6-ckt/20A Female Pnl Mnt [208Y/120V]; (2) 19 Pin 6-ckt/20A Female Pnl Mnt [125V]; (6) 5-20R NEMA T-slot DPLX [125V]
Primary Protection: MCB Circuit Breakers
Transformer: N/A
Secondary Voltage: N/A
Secondary Breaker(s): N/A
Secondary Outlet(s): N/A
Secondary Protection: N/A
Power Monitoring: Power Meter on Primary Side
Form Factor: Rack Mount ATA Case, Shock Mount 14RU ATA Cube w/ Handles & Rubber Feet
Case Materials: Polyethylene (Case), Zinc-Plated Steel (Rack Rails)

Ratings

Max Primary OCP: 400 A @ 208 V

NRTL Listed to UL 1640

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Dimensions: -

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.

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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-SC14-CLP6.400AF-YT0-Q4.CLR6-4.G01-6.L37.N09-M1 from Larson Electronics is a Hard Case Power Distribution that is a portable power solution designed for rugged areas, industrial facilities, and remote sites. This mobile power distribution unit provides operators the ability to safely tap into and distribute three-phase 208Y/120 V Wye power from a variety of sources, including generators and direct grid power. All system components are protected by a standard 14RU polyethylene hard case with recessed side handles.

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

Operation:

- Primary Voltage: 208Y/120 V Wye 3PH
- Primary Panel: 208Y/120V 3PH 400A MLO UL 508A & 1640 w/ Power Meter
- Primary Breaker(s): (6) 30A 3P MCB [250V]; (2) 20A 3P MCB [250V]; (9) 20A 1P MCB [125V]
- Primary Outlet(s): (6) L21-30R NEMA Twist-lock [208Y/120V]; (2) 19 Pin 6-ckt/20A Female Pnl Mnt [208Y/120V]; (2) 19 Pin 6-ckt/20A Female Pnl Mnt [125V]; (6) 5-20R NEMA T-slot 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.

Portable Power Distribution Purpose and Use: The MPD-SC14-CLP6.400AF-YT0-Q4.CLR6-4.G01-6.L37.N09-M1 portable power distribution system gives operators the ability to power their 120 volt equipment from a single system. Power indicator lights on the primary side are available for real-time power status notification. From equipment testing to live recording sets, these portable stations make power at busy production sites readily available and safe to use. On the primary side, operators connect 208Y/120 V Wye line-in power using one set of 400A single-pole 16-series male camlock receptacles [green, white, black, red, blue] [600V] w/ power indicators & safety voltage test points. This unit is equipped with one set of 400A single-pole 16-series female camlock receptacles [green, white, black, red, blue] [600V] w/ power indicators & safety voltage test points on the output side.

Protective Construction: All components are secured inside a standard 14RU polyethylene case. During transport, the input cord can be wrapped and stored inside the black case. The lockable unit features threaded, field replaceable 7mm zinc-plated steel front and rear rack rails. Equipped with heavy-duty twist latches, the exterior has recessed side handles for easy transportation. This case can withstand frequent handling and rugged environments.

Certification: All units are built in accordance to NFPA 70 (National Electric Code) and NRTL certified to UL 1640. NEMA 3R, 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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Product ID: 297766

Export Control Classification Number (ECCN): EAR99

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 (Oneline)
- HigResPic1
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map