Larson Electronics LLC
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MPD-SB12-NTL.50A-ST10SQ-ZZ-1.E75-3.E72-M1

43.5A Rack Mount Power Distribution - 208V to 230V 1PH - (1) 332R6W IEC 60309 Pin & Sleeve & (2) 316R6W IEC 60309 Pin & Sleeve

Product ID: 280185

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-SB12-NTL.50A-ST10SQ-ZZ-1.E75-3.E72-M1 Rack Mount Power Distribution

Line-In Cord: N/A
Line-In Cord Cap: CS6365 California Standard Twist-Lock Male Inlet [125/250 V]
Primary Voltage: 208 V AC 1PH
System Amps: 43.5A
Primary Panel: N/A
Primary Breakers: N/A
Primary Outlets: N/A
Primary Protection: N/A
Transformer: 10 kVA 208 V to 230 V 1PH N3R
Secondary Voltage: 230 V AC 1PH
Secondary Panel: 230V 1PH 43.5A MLO N3R
Secondary Breaker(s): (1) 32 A 1P MCB [250 V]; (3) 16 A 1P MCB [250 V]
Secondary Outlet(s): (1) 332R6W IEC 60309 Pin & Sleeve [250 V]; (2) 316R6W IEC 60309 Pin & Sleeve [250 V]
Secondary Protection: MCB Circuit Breakers

Form Factor: 12U Rack Mount ATA Cube Case w/ Casters

Frame Materials: -

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.

Ratings

NRTL Certified for United States & Canada
NRTL Listed to UL 508A
NRTL Listed to UL 1640
NRTL Listed to CSA C22.2 No. 14
NRTL Listed to UL 1640
Max Primary OCP: 50 A @ 208 V
Max Secondary OCP: 43.5 A @ 230 V

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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 Larson Electronics MPD-SB12-NTL.50A-ST10SQ-ZZ-1.E75-3.E72-M1 Rack Mount Power Distribution is a portable power solution designed for stages, movie sets, concerts, and entertainment sites. This mobile power distribution unit converts single-phase 208 V AC to 230 V AC via a 10 kVA step-up transformer. It provides operators the ability to distribute 230 V AC power from a variety of sources that provide single-phase 208 V AC, 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-SB12-NTL.50A-ST10SQ-ZZ-1.E75-3.E72-M1 portable power distribution system gives operators the ability to power their single-phase 230 V AC 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.

The MPD-SB12-NTL.50A-ST10SQ-ZZ-1.E75-3.E72-M1 temporary power distribution system gives operators the ability to power their single phase 230 V AC equipment from a single system.

Operation:

- Primary Voltage: 208 V AC 1PH
- Primary Panel: N/A
- Primary Outlets: N/A
- Primary Breakers: N/A
- Transformer: 10KVA 208V to 230V 1PH N3R
- Secondary Voltage: 230 V AC 1PH
- Secondary Panel: 230V 1PH 43.5A MLO N3R
- Secondary Breaker(s): (1) 32A 1P MCB [250V]; (3) 16A 1P MCB [250V]
- Secondary Outlet(s): (1) 332R6W IEC 60309 Pin & Sleeve [250V]; (2) 316R6W IEC 60309 Pin & Sleeve [250V]
- Secondary Protection: MCB Circuit Breakers

*See specification table at the top of the page for more information about the power distribution system.

Protective Construction: All components are secured inside a compact 19" 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 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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Product ID: 280185

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
- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- Single Line Diagram (One-Line Diagram)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map