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MPD-GDS1-EP6-CLP6.1600A-YT0-Z-1.Q2TL-M1

1600A Power Distribution Generator Docking Station, 208Y/120V Wye 3PH, (1) 1600A Terminal Lug NEMA Enclosure, Camlock Inputs, Phase Rotation Monitor, NEMA 3R

Product ID: 285590

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MPD-GDS1-EP6-CLP6.1600A-YT0-Z-1.Q2TL-M1

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-GDS1-EP6-CLP6.1600A-YT0-Z-1.Q2TL-M1 Power Distribution System

Unit Type: Generator Docking Station
Line-In Cord: N/A
Line-In Cord Cap: 400A Single-pole 16-Series Male Camlock Receptacles [(1) Green, (4) White, (4) Brown, (4) Orange, (4) Yellow] [600V]
Primary Voltage (V): 208Y/120V AC Wye
Primary Phase (PH): 3-Phase
Frequency (Hz): 60 Hz (60-Cycles)
Primary Panel: 208Y/120V 3PH 1600A MLO I-Line Panel N3R with Phase Rotation Monitor
Primary Breakers: N/A
Primary Outlets: (1) 1600A Terminal Lug NEMA Enclosure [208Y/120V]
Primary Protection: Weather-proof Flip Covers; Phase Rotation Monitor
Phase Rotation Outputs: 2 c/o (SPDT) Contacts
Phase Rotation Time Range: 500 ms Start-up Delay
Terminal Type: Screw Terminals
Phase Rotation Impulse Withstand Voltage Rating: Input Circuit - 6 kV, Output Circuit 4 kV
Protection Method: N/A
Protection Type: N/A
Protection Ampacity: N/A
Mains Rating (Amps): 1600A

Ratings

Max Primary OCP: 1600A @ 208V
Max Secondary Output: N/A

NRTL Listed Service Equipment

NRTL Listed to UL 891 Dead Front Switch Boards
NEMA 3R Rated for Indoor and Outdoor Use
Made in the USA

Interrupting Rating: N/A
Form Factor: Rectangular, Slim-profile Enclosure w/ Lockable Door
Door: (1) Left Hinged Door w/ Pad Lockable Handle
Enclosure Material: 11GA Sheet Steel
Enclosure Finish: ANSI 49 Grey
Enclosure Type: NEMA 3R Ventilated
Dimensions: 41"-W x 51.63"-D x 84"-H
Weight: N/A
Shipping Dimensions: N/A
Shipping Weight: N/A
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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Fax: 1-903-765-7664
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

The MPD-GDS1-EP6-CLP6.1600A-YT0-Z-1.Q2TL-M1 from Larson Electronics is a Power Distribution Generator Docking Station that is designed for reliable, safe, and convenient power distribution at industrial work sites. This 1600-amp unit is compatible with three-phase 208Y/120V AC Wye power. The power distribution panel provides operators the ability to safely tap into and distribute 208Y/120V AC Wye power from a variety of sources including generators and direct grid power.

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

The MPD-GDS1-EP6-CLP6.1600A-YT0-Z-1.Q2TL-M1 power distribution panel provides a safe and reliable way for operators in industrial settings to tap into and utilize power sources independently of the work area. Four sets of 400A single-pole 16-Series male Camlock receptacles [(1) Green, (4) White, (4) Brown, (4) Orange, (4) Yellow] [600V] are available for three-phase 208/120V AC Wye input connections on the primary side. The primary side contains one 1600-amp terminal lug NEMA enclosure for three-phase 208Y/120V AC connections. The ATS is not included with this system. Customers can use this generator docking station between their generators and ATS.

Operators bring three-phase 208Y/120V AC Wye line-in power to the primary side of the system using four sets of 400A single-pole 16-Series male Camlock receptacles [(1) Green, (4) White, (4) Brown, (4) Orange, (4) Yellow] [600V]. The primary side features a NEMA 3R 1600-amp three-phase 208Y/120V panel with phase rotation monitor, which contains one 1600-amp terminal lug three-phase 208Y/120V NEMA enclosure.

The phase rotation monitor is equipped with two c/o SPDT contacts for alarm relay connections. This component has a 500 ms start-up delay. Connections are facilitated by screw terminals. The phase rotation monitor has a 6 kV impulse withstand voltage rating for the input circuit and a 4 kV impulse withstand voltage rating for the output circuit. Short circuit protective devices for the phase rotation monitor includes: output circuit NC - F Type Fuses 6 amps and output circuit NO - F Type Fuses 10 amps.

Enclosure Design: This power distribution panel is housed in a space-saving NEMA 3R enclosure for protection against dust, dirt, and moisture in indoor and outdoor locations. Constructed of steel, the unit's slim, rectangular profile is compatible with pad mounting configurations. A lockable opening deters the possibility of tampering. We also offer similar

power distribution panels on dolly carts with wheels, powder coated cube frames with lifting eyelets/skid pockets or stand-alone with handles for faster turnarounds and completion of temporary tasks.

Mount: Operators can mount the docking station on floors and flat surfaces.

Certification: 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.

Grounding: Transformer is grounded to the frame and we provide a grounding lug on the frame for the earth ground.
~Please check all motor loads for dual rated motors that will work 208 or 240.~

Applications: This power distribution system is NEMA 3R rated and ideal for indoor/outdoor use and applications including but not limited to; construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs

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