

MPD-600-150K-4X208Y.100A-1X208Y.50A-1X120.20A

150 KVA Transformer Power Distribution - Three Phase 600V to Single Phase 120/208Y - Nema 3R

Product ID: 72898

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-600-150K-4X208Y.100A-1X208Y.50A-1X120.20A Power Distribution Substation

Primary Voltage: Three Phase 600 VAC (customer provides line-in cable)

Primary Disconnect: 600V 200-amp NEMA 3R - fused at 150A

Transformer: 150KVA 600V to 120/208Y NEMA 3R

Secondary Panel: 400-amp main breaker NEMA 3R panel – 24 space

Secondary Panel Breakers: 4X 100-amp 208Y, 1 X 50-amp 208Y and 1 X 20-amp 120V

Secondary Receptacles: 4 X pin/sleeve HBL41—R9W, 1 X HBLCS8369, 1X 5-20 GFCI

Dimensions: W-48" X L-48" X H-55"

Form Factor: Powder coated/painted steel frame with forklift skid pockets, top pick-eye and 4 X 8-inch casters

Weight: 650lbs

Features:

Primary Max OCP: 144 amps at 600V

Secondary Max OCP: 415 amps at 208Y (400-amp main breaker)

Larson Electronics manufacture 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

UL 1640 Portable Power-Distribution Equipment

NEMA 3R Indoor or Outdoor Use

Made in the USA

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

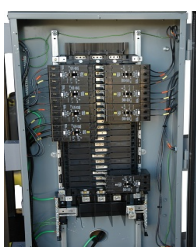
MADE IN THE USA

This Larson Electronics 150KVA power distribution substation steps down 600V three phase power and makes available 120 volts via a 20-amp 5-20 weatherproof GFCI

receptacle. This portable power distribution panel system also provides four 'pin and sleeve' 100-amp HBL4100R9W receptacles and one HBLCS8369 50-amp receptacle for 208Y service.

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

The customer provides line-in cable that brings 600V three phase power to the 200-amp three phase 600V NEMA 3R fused disconnect. The disconnect protects the NEMA 3R 150KVA 600V to 120/208Y transformer, which feeds the 400-amp main breaker NEMA 3R panel on the secondary side. The secondary panel main breaker protects four 100-amp, 208Y breakers, one 50-amp, 208Y breaker and one 20-amp, 120V breaker. The secondary side 208Y power is accessed via four pin/sleeve style 100-amp Hubbell receptacles and one 50-amp, 3-pole, 4-wire Hubbell receptacle with weatherproof cover. Finally, a single 5-20 GFCI receptacle with weatherproof cover provides 120 volt service.



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The transformer is mounted on a 3/16" thick steel plate mounting platform and the load center/distribution assembly is mounted within a 2-inch by 1/8-inch thick square carbon steel tubing frame, resulting in an extremely stable, durable and well protected power distribution platform. This entire frame is powder coated and is equipped with forklift skid pockets, four heavy duty polyurethane 8-inch casters and a top located lifting eyelet allows easy lifting with cable or chain hooks.

Applications:

This power distribution system is ideal for indoor or outdoor use and applications including but not limited to, construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations. These power transformers are popularly used in applications where external power sources are often necessary and work well in combination with explosion proof lights and equipment.

Larson Electronics is a manufacturer and as such can build portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, 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.

Frequently Asked Questions (FAQ)



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Product ID: 72898

Harmonized System (HS) Code: 8504.21.0040

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Catalog Page - Product Series](#)
- [Operations Manual](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)