Larson Electronics LLC
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MPD-STS-3P4W-120A-208V-3PH-N1-M1

120-amp Static Transfer Switch - 208V 3 Phase 4 Pole (4 Wire) - NEMA 1

Product ID: 335480

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



Image: MPD-STS-3P4W-120A-208V-3PH-N1-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-STS-3P4W-120A-208V-3PH-N1-M1 Static Transfer Switch

Unit Type: Static Transfer Switch
Dimensions: 40.00"-H x 18.00"-W x 20.00"-D
Weight: 265 lbs
Phase: 3-Phase 4-Wire (3P4W), three pole, double throw
Voltage: 208V

Current Rating: 120A

Transfer time: ≤1/4 cycle in standard mode and a low-inrush mode at about 1/2 to 3/4 cycle
Input: Two unsynchronized AC Power Source, 6 pairs of SCRs one pair per line
Output: Six (6) Circuit breakers, 3P, 120A
Load Transition Type (Automatic): Closed Transition; fast break-before-make, < 4 milliseconds interruption
Modes of Operation: Normal Mode, Load Current Inhibit, Manual Transfer, Emergency Transfer, SCR (or equivalent) Failure, Maintenance Bypass
Accessories: Low voltage Control Junction Box w/ 24Vdc DPDT w/ contacts rated 10A at 240Vav; Remote Alarm Monitoring interface to EPMS; Network Adapter and Software
Seismic Rating: As per local building codes
Sound Level: Complies with NEMA ST-20 and IEEE C57.12.91
Materials: 11GA Sheet Steel
Finish: ANSI 49 Grey
Mount: Floor Mount, Top Feed

Features/Ratings

NEMA 1
Digital Power Technology (DPM)
10,000 Amps Withstand Rating
NRTL Listed for United States & Canada
Assy Transfer Control
Warranty: 12-month warranty including parts, labor, and travel

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Lug Range: 1/0 - #14

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 one-time custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

E-mail: sales@larsonelectronics.com

The MPD-STS-3P4W-120A-208V-3PH-N1-M1 from Larson Electronics is a Static Transfer Switch that is ideal for managing electrical loads between two sources in industrial facilities. This 120-amp, 208V three-phase, four-wire controller handles timing, sensing, exercise functions and transfer commands. the unit is housed in a NEMA 3R enclosure.

The MPD-STS-3P4W-120A-208V-3PH-N1-M1 offers accurate control of electrical power and loads in locations where a backup generator or energy management system is installed. This 120-amp unit features 208V three phase compatibility and an open type of load transition (automatic). The controller is designed to handle all commands related to the following: timing, sensing, exercise functions and transfers. During abnormal conditions, this unit can withstand a maximum of 10,000 amps.

Applications: Backup generators, power management, energy systems, industrial facilities, commercial spaces, and more.

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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Export Control Classification Number (ECCN): EAR99

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