Larson Electronics LLC
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MPD-STS-250A-208Y.120-3PH-N12

250-Amp Static Transfer Switch - 208Y/120 3PH, 4Wire - Aluminum - NEMA 12

Product ID: 325915

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



Image: MPD-STS-250A-208Y.120-3PH-N12

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-250A-208Y.120-3PH-N12 Static Transfer Switch

Unit Type: Static Transfer Switch
Dimensions: 20" x 14.6" x 7.09"
Weight: 20 lbs
Voltage: 208Y/120 3PH, 4Wire Solidly Grounded
Cont. Current Rating: 250A
Short-circuit Current Rating: 10 kA
Neutral Switching: Switched neutral (break-before-make)
Terminal Lugs: Compression type, long barrel, double-hole, copper-type lugs
Auxiliary Contacts: 2 normally open and 2 normally closed for each source position, plus 2 normally open for pre-transfer signal.
Load Transition Type (Automatic): Delayed-transition (with neutral position)
Transfer Time: ≤ 1/4 cycle in standard mode and a low-inrush mode at about 1/2 to 3/4 cycle
Controller Features: Keypad override to remain on emergency source, keypad-initiated retransfer delay, load shed function (24VDC signal), and microprocessor-based power monitoring (current, voltage, power, power factor, frequency, accumulated energy)
Sensing: Undervoltage sensing for each phase of primary and alternate sources; underfrequency sensing for alternate source; all with adjustable dropout/pickup settings
Materials: Aluminum
Ambient Temperature: -6°C to 50°C
Altitude: 1000ft Above Sea Level

Features/Ratings

NEMA 12
Digital Power Technology (DPM)
10,000 Amps Withstand Rating
List for the United States & Canada

Special Orders - Special Requirements

Contact us for special requirements

Finish: Electrostatically Applied and Baked Powder Paint
Mount: Wall or Surface, via (4) Screw Holes
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.

Toll Free: 1-800-369-6671
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The MPD-STS-250A-208Y.120-3PH-N12 from Larson Electronics is a Static Transfer Switch that is ideal for managing electrical loads between two sources in industrial facilities. This 250-amp, 208Y/120 three-phase controller handles timing, sensing, exercise functions, and transfer commands. The unit is housed in a NEMA 12 enclosure.

The MPD-STS-250A-208Y.120-3PH-N12 offers accurate control of electrical power and loads in locations where a backup generator or energy management system is installed. This 250-amp unit features 208Y/120 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.

The automatic transfer switch is constructed of aluminum with electrostatically applied and baked powder paint. Operators may mount the NEMA 12-rated unit on compatible walls or surfaces, via four screw openings located at the back of the controller.

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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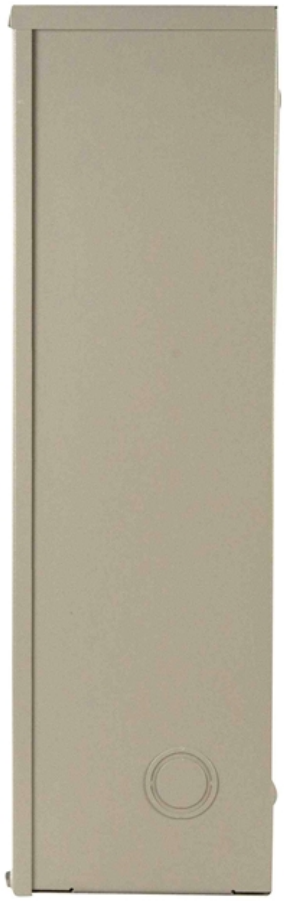


Image: MPD-STS-250A-208Y.120-3PH-N12

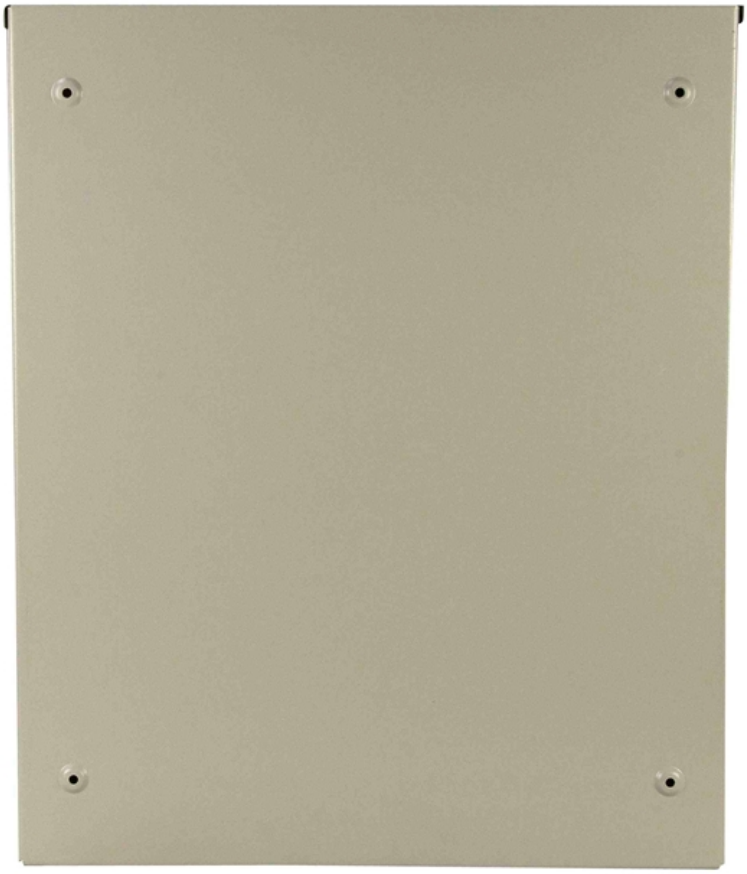


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Export Control Classification Number (ECCN): EAR99

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