Larson Electronics LLC
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MPD-STS-225A-208Y.120V-3PH-N12

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

Product ID: 346293



Image: MPD-STS-225A-208Y.120V-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-225A-208Y.120V-3PH-N12 - Transfer Switch
Unit Type: Static Transfer Switch

Voltage: 208Y/120V AC, 3PH, 4-Wire
Cont. Current Rating: 225A
Short-Circuit Current Rating: 10kA
Transition Type (Automatic): Static
Sources: Source A, Source B
Neutral: Solid

Controls
Controller: Microprocessor-Based
Preferred Source: A Side, Programmable
Transfer Logic: Transfer to B Side Only Upon Full Loss of A Source
Sensing: Undervoltage Sensing for Each Phase of Source A and Source B, Adjustable Dropout/Pickup Settings
Auxiliary Contacts: 2 Normally Open and 2 Normally Closed for Each Source Position
Signaling: Dry Contacts for Source Position and Status
Power Monitoring: Microprocessor-Based (Current, Voltage, Power, Power Factor, Frequency, Accumulated Energy)

Connections
Terminal Lugs: Compression Type, Long Barrel, Double-Hole, Copper-Type

Construction
Materials: Aluminum

Made in the USA

Features of Every Assembly
Static Transfer Switch, 225A, 208Y/120V, 3PH, 4-Wire
Transfer Time: Less Than 4 ms
Programmable Preferred Source: A Side
Transfer to B Side Only Upon Full Loss of A Source
Solid Neutral
NEMA 12 Enclosure

Ratings & Approvals
NEMA 12
Designed in Accordance with UL 1008

Finish: Electrostatically Applied and Baked Powder Paint
Enclosure Type: NEMA 12
Mount: Wall or Surface

Dimensions & Shipping

Overall Dimensions: 48"H × 24"W × 16"D (estimated)

Approximate Weight: 200 lbs (estimated)

Shipping Dimensions: TBD
Shipping Weight: TBD

Shipping
Shipped Standard Freight/Crated per Manufacturer Practice
Final Shipping Configuration Subject to Manufacturer Confirmation

Special Orders – Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
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E-mail: sales@larsonelectronics.com

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 applicable drawings.

Made in the USA

The MPD-STS-225A-208Y.120V-3PH-N12 from Larson Electronics is a 225-amp static transfer switch for 208Y/120V AC, three-phase, four-wire systems. It transfers critical loads between two power sources in less than 4 milliseconds and is housed in a NEMA 12 aluminum enclosure.

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

The **MPD-STS-225A-208Y.120V-3PH-N12** provides fast, automatic transfer of electrical loads between two sources, such as redundant UPS systems, in data center and critical power installations. A programmable preferred source keeps the load on the primary side and transfers to the alternate source only upon full loss of the preferred source.

Source Configuration
The switch accepts two sources, Source A and Source B, and feeds a single load. The preferred source is programmable. The neutral is solid.

Controls & Monitoring
A microprocessor-based controller provides undervoltage sensing for each phase of both sources with adjustable dropout and pickup settings. Auxiliary contacts (2 normally open and 2 normally closed for each source position) and dry contacts for source position and status are provided. Microprocessor-based power monitoring covers current, voltage, power, power factor, frequency, and accumulated energy.

Electrical Configuration
The switch is rated 225A at 208Y/120V AC, three-phase, four-wire, with a 10kA short-circuit current rating. Compression type, long barrel, double-hole copper lugs are provided.

Enclosure Design

The aluminum enclosure carries an electrostatically applied, baked powder paint finish. The NEMA 12 design protects against dust, falling dirt, and dripping non-corrosive liquids, making it suitable for indoor installation. The unit mounts to a wall or surface.

Certification
This transfer switch is designed in accordance with UL 1008.

Applications
Data centers, UPS systems, critical power distribution, redundant source switching, and commercial and industrial facilities requiring uninterrupted power.

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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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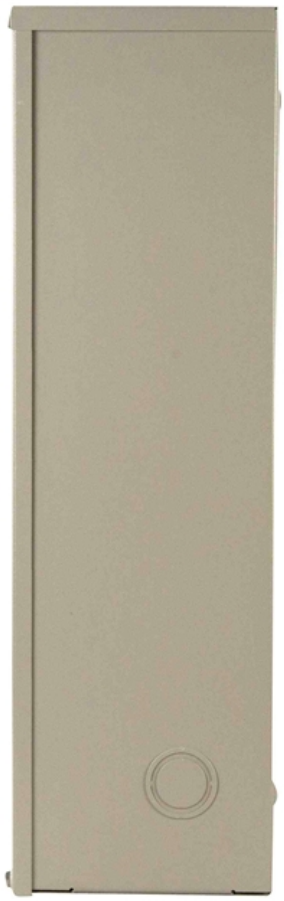

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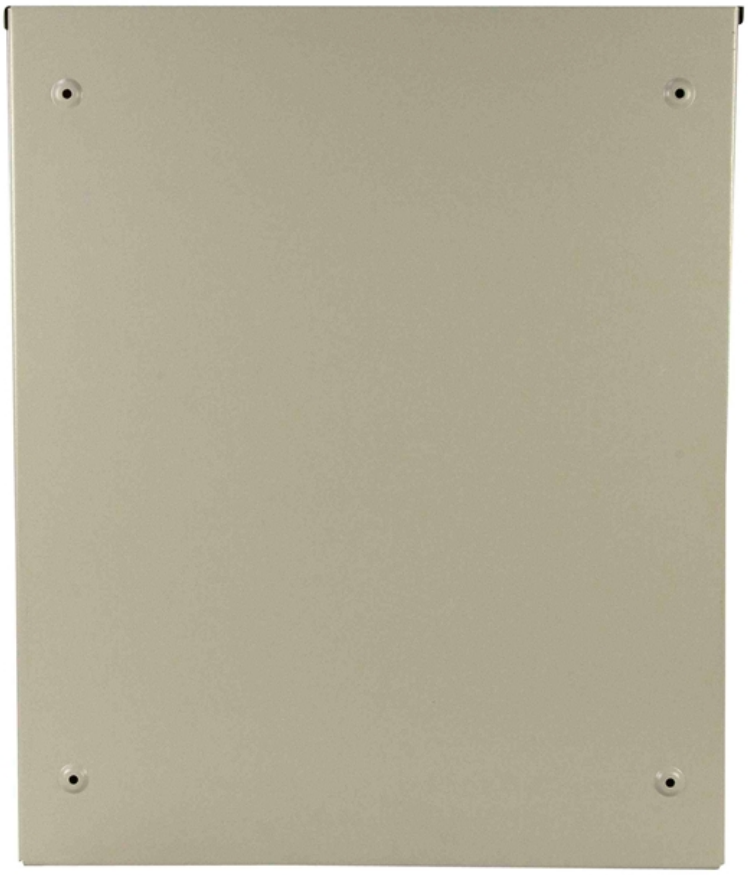

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Frequently Asked Questions (FAQ)

There are no Faqs