Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MPD-STS-2P-100A-120V-1PH-N1

100 Amp Static Transfer Switch Automatic/Manual/Remote - 120V 1PH 2P3W 50-60Hz, NEMA 1

Product ID: 322566

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



Image: MPD-STS-2P-100A-120V-1PH-N1

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-2P-100A-120V-1PH-N1 Static Transfer Switch

Unit Type: Static Transfer Switch
System Phase: Single-Phase (1PH, 2P3W)
Voltage: 120V
Frequency (Hz): 50-60 Hz (50-60 cycles)
Amps: 100A
Lug Range: 1/0-14 AWG
Control Type: Dual SCR-based solid-state
Transfer Type: Break before make (<4 ms)
Transition Modes: Automatic / Manual / Timer Control
Materials: Coated Steel
Finish: Electrostatically Applied and Baked Grey Powder Paint
Mount: Wall Mount, Bottom Feed
Dimensions: 7.87"-D x 11.81"-W x 15.75"-H
Weight: 265 Lbs

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.

Features/Ratings

NEMA 1 / IP 20
Digital Power Technology (DPM)
ISO 9001
CE Listed
Max OCP: 100A @ 120V

Special Orders - Special Requirements

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

The MPD-STS-2P-100A-120V-1PH-N1 from Larson Electronics is a Static Transfer Switch that is ideal for managing electrical loads between two sources in industrial and commercial facilities. This 100-amp, 120V single-phase (2P3W) unit supports automatic, manual, and remote operation, handling timing, sensing, exercise functions, and transfer commands. Constructed of steel, the unit is housed in a NEMA 1 enclosure.

The MPD-STS-2P-100A-120V-1PH-N1 offers accurate control of electrical power and loads in locations where a backup generator or energy management system is installed. This 100-amp unit features 120V single phase compatibility and automatic, manual, and remote transition modes. The controller is designed to handle all commands related to the following: timing, sensing, exercise functions, and transfers.

The static transfer switch is constructed of coated steel with electrostatically applied and baked grey powder paint. Unit is designed for floor mounting installations with an open bottom feed configuration.

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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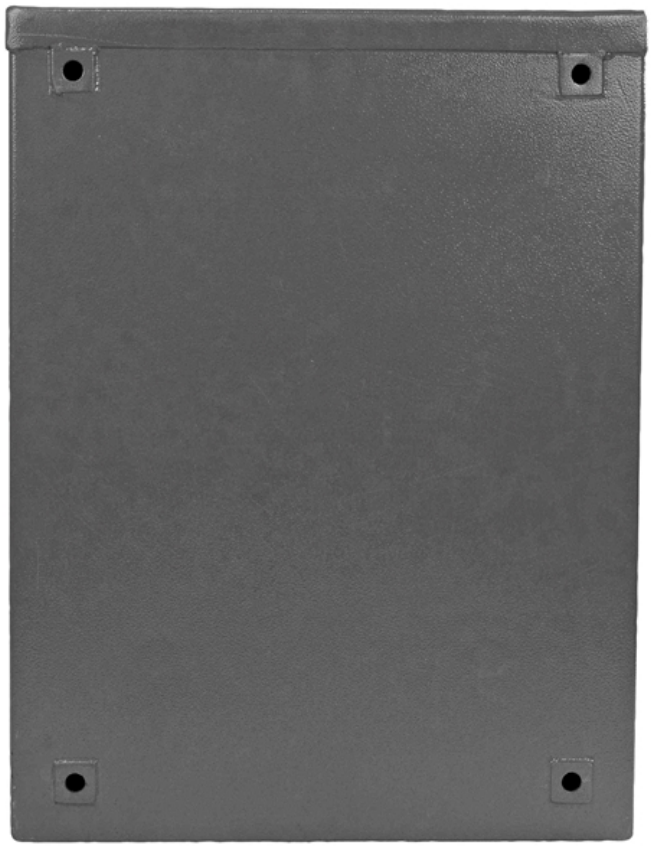


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Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/322566.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com/images/product/Step/322566.ZIP)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/322566.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/322566.JPG)
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