

MPD-ATS-2P2W-100A-125VDC-1PH-N1

100-amp Automatic Transfer Switch - 125V DC 2 Pole (2 Wire) - NEMA 1

Product ID: 333660

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



Image: MPD-ATS-2P2W-100A-125VDC-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-ATS-2P2W-100A-125VDC-1PH-N1 Automatic Transfer Switch

Unit Type: Automatic Transfer Switch

Dimensions: 14.57"D x 22"W x 48"H

Weight: 117 lbs

Phase: Single Phase

Pole: 2-Pole 2-Wire

Voltage: 125V DC

Current: 100A

Neutral: N/A

Load Transition Type (Automatic): Open Transition

Materials: 11GA Sheet Steel

Finish: ANSI 49 Grey

Mount: Floor Mount, Bottom Feed

Features/Ratings

NEMA 1

Digital Power Technology (DPM)

10,000 Amps Withstand Rating

NRTL Listed for United States & Canada

Assy. Transfer Control

NRTL Certified to UL 1008

Retransfer to normal time delay. Time delay is automatically bypassed if emergency source fails and normal source is available. Adjustable from 0 to 30 minute
Two toggle switches for selecting automatic or manual transfer and retransfer

LED (green) indicates normal source available, installed and connected on enclosure door. Shipped loose on open type

LED (red) indicates emergency source available, installed and connected on enclosure door. Shipped loose on open type

Additional auxiliary contacts to provide a total of: two contacts closed when ATS is connected to normal and: two contacts closed when ATS is connected to emergency
2P D/T contacts that operate when the normal, or



Lug Range: (2) 1/0 AWG to 250 MCM or (1) #4 AWG to 600 MCM

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.

emergency source voltage is present at transfer switch terminals

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-ATS-2P2W-100A-125VDC-1PH-N1 from Larson Electronics is an Automatic Transfer Switch that is ideal for managing electrical loads between two sources in industrial facilities. This 100-amp, 125V DC, two-wire controller handles timing, sensing, exercise functions and transfer commands. The unit is housed in a NEMA 1 enclosure.

The MPD-ATS-2P2W-100A-125VDC-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 125V DC 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.



Frequently Asked Questions (FAQ)

There are no Fags



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Export Control Classification Number (ECCN): EAR99



Links (Click on the below items to view):

- **Dimensional Drawing 2D** (<https://www.larsonelectronics.com/images/product/DimensionalDrawing/333660.PDF>)
- **HigResPic1** (<https://www.larsonelectronics.com/images/product/HigResPic1/333660.JPG>)
- **HigResPic2** (<https://www.larsonelectronics.com/images/product/HigResPic2/333660.JPG>)
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- **HigResPic7** (<https://www.larsonelectronics.com/images/product/HigResPic7/333660.JPG>)
- **Video1** (<https://www.youtube.com/watch?v=b5iyTFrkRes>)
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