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-ATS-2P2W-250A-125VDC-1PH-10K-M1

250-Amp Automatic Transfer Switch - 125V DC 2 Pole (2 Wire) - 10kAIC

Product ID: 340048

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



Image: MPD-ATS-2P2W-250A-125VDC-1PH-10K-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-ATS-2P2W-250A-125VDC-1PH-10K-M1 DC Transfer Switch

Unit Type: DC Transfer Switch Assembly
Configuration: 2-Wire, DC
Nominal Voltage: 125VDC
Continuous Current Rating: 250A
Short Circuit Rating: 10kAIC
Mounting Style: Fixed Type

Switching Mechanism

Double-Throw, Mechanically Interlocked Contacts, Normal/Alternate DC Source Selection
Automatic Controller with DC Source Voltage Sensing

Construction

Front-Accessible, Dead Front Construction

Dimensions & Shipping

Overall Dimensions: 30 in W x 24 in D x 54 in H (estimated)
Approximate Weight: 350 lbs (estimated)
Shipping Dimensions: TBD

Made in the USA

Features of Every Assembly

Automatic Transfer Operation
Mechanically and Electrically Interlocked Source Selection

Ratings & Approvals

Designed in accordance with applicable UL and NEMA standards
All grounding shall comply with applicable NEC and local electrical codes

Shipping

Shipped on pallet or skid
Crated shipment available upon request
Final shipping configuration subject to approved design

Shipping Weight: TBD

Special Features
Automatic DC Source Transfer, 10kAIC Rated

Customer Compliance
Final arrangements, sizes, ratings, settings, configuration, and installation details will be finalized during detailed engineering review and customer approval prior to release for manufacture.

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.

Special Orders – Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The MPD-ATS-2P2W-250A-125VDC-1PH-10K-M1 DC Transfer Switch from Larson Electronics is a robust automatic transfer switch engineered to provide reliable, uninterrupted DC power for critical control and protection systems. Built for a 125VDC, 250A, 10kAIC application, this unit ensures continuity of DC power by automatically switching between normal and alternate DC sources in the event of a source failure.

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

This transfer switch is a 2-wire, 125VDC unit rated for 250A continuous current and 10kAIC short circuit interruption, designed to protect station DC control and protection circuits from loss of a single DC source.

Switching Mechanism
The unit employs mechanically and electrically interlocked double-throw contacts to select between the normal and alternate DC sources, preventing simultaneous connection of both sources. An automatic controller continuously monitors DC source voltage and initiates transfer upon detection of a source failure.

Construction
The switch is built with front-accessible, dead-front construction for safe operation and maintenance access.

Special Features
Automatic DC source transfer with mechanically interlocked switching and 10kAIC short circuit rating.

Ratings & Approvals
Designed in accordance with applicable UL and NEMA standards. All grounding complies with applicable NEC and local electrical codes.

Customer Compliance
The final arrangements, sizes, ratings, settings, configuration, and installation details of this equipment will be established in accordance with detailed engineering review, applicable project documentation, and customer approval prior to manufacture.

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.

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.

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

Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/340048.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)