

EPNFDS-MTS-30A-2P

Explosion Proof Manual Transfer Switch - 30 Amps - C1D1/C2D1 - 2P Double Throw

Product ID: 292309

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



Image: EPNFDS-MTS-30A-2P

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.

EPNFDS-MTS-30A-2P Explosion Proof Manual Transfer Switch

Listing: NRTL Listed for United States and Canada

Dimensions: 14.3125" x 12.3125" x 9.625"

Weight: 41 lbs

Configuration: 2-Pole Double Throw

Voltage Rating: 600V AC Max

Amps: 30

HP: 1PH - 2 HP @ 120 V AC, 5 HP @ 200 V AC/240 V AC; 3PH - 10 HP @ 200 V AC/208 V AC, 7.5 HP @ 240 V AC, 15 HP @ 480 V AC, 20 HP @ 600 V AC

Fusible: No

Materials: Copper-free Aluminum

Hardware Materials: Stainless Steel (Hinges, Cover Bolts)

Mounting: Surface Mount

Hub Sizes: (2) 2" NPT (North), (2) 2" NPT (South), (1) 0.5" NPT (North), (1) 0.5" NPT (South)

Wire Size: #14-4

Conduit: Drilled and Tapped Entrances

Color: Natural Gray

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Features/Ratings

Class I, Divisions 1 & 2 Groups B, C & D

Class I, Zones 1 & 2 Groups IIB+ H2 & IIA

Class II, Divisions 1 & 2 Groups E, F & G

Class III, Divisions 1 & 2

NRTL Listed to UL 1203

NRTL Listed to CSA C22.2 No. 30, 25

NEMA 3, 4, 4X, 7 (B, C, D), 9 (E, F, G)

Tamb = + 60°C

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The EPNFDS-MTS-30A-2P from Larson Electronics is an Explosion Proof Manual Transfer Switch allows operators to manually switch between two power sources, perform power isolation and switch loads in flammable work sites. This unit contains a 2-pole double throw configuration and is rated at 600V AC max. Operates are provided access to two 2" NPT hubs on top and one 0.5" NPT hub at the bottom of the NEMA-rated enclosure.

****PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO EXPLOSION PROOF ENCLOSURES****

The EPNFDS-MTS-30A-2P is a non-fused manual transfer switch for hazardous locations, flammable work sites and combustible spaces. Equipped with a 2-pole, double throw configuration, this unit can be used to switch between two sources of power, including between line voltage and a generator. The explosion proof disconnect is non-fused and features a lockable switch to deter tampering (up to 3 locks, in ON or OFF position).

This unit is made out of copper-free aluminum and features a rectangular bolted cover design for uniform and attractive installations. This unit is rated for NEMA 4X environments, making it ideal for indoor and extreme outdoor applications. Operators can access a total of six NPT hubs, with two 2" NPT hubs located on North and South sides, and one 0.5" NPT hub located in the center of the North and South sides (between 2" NPT hubs) of the enclosure.

Applications: Manual transfer switch, switching electrical loads, power isolation, emergency power systems, power management, hazardous locations, motor circuits, petroleum refineries, chemical and petrochemical plants, storage areas, and other processing facilities where hazardous substances are handled or stored.

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):

- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/292309.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/292309.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/292309.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/292309.JPG>)
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