

EPNFDS-MTS-800A-3P

800A Explosion Proof Manual Transfer Switch - C1D1/C2D1 - 3P Double Throw - IP66

Product ID: 236442

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



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-800A-3P Explosion Proof Manual Transfer Switch

Listing: United States, Canada

Dimensions: 23.88" W x 47.88" H x 14.25" D

Weight: 419 lbs

Configuration: 3-Pole, Double Throw

Voltage Rating: 600V AC (Maximum)

Amps: 800A

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

Fusible: No

Materials: Copper-free Aluminum

Hardware Materials: Stainless Steel (Hinges, Cover Bolts)

Mounting: Surface Mount

Hub Sizes: (2) 2" NPT, (1) 1/2" NPT [North Side], (2) 2" NPT, (1) 1/2" NPT [South Side]

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, Division 1 & 2 Groups C, D

Class I, Zones 1 & 2 Groups IIB, IIA

Class II, Division 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 (C, D), 9 (E, F, G)

IP66

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics EPNFDS-MTS-800A-3P 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 800-amp unit contains a 3-pole double throw configuration and is rated at 600V AC max. The explosion proof manual transfer switch is protected by a NEMA rated enclosure with stainless steel cover bolts.

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

The EPNFDS-MTS-800A-3P is a non-fused manual transfer switch for hazardous locations, flammable work sites and combustible spaces. Equipped with a 3-pole, double throw configuration, this 800-amp unit can be used to switch between two sources of power, including between line voltage and a generator. The explosion proof device is non-fused and features a lockable switch to deter tampering (up to 3 locks, in ON or OFF position). The explosion proof manual transfer switch is constructed of cast aluminum with stainless steel cover bolts. A gasketed flange with O-ring (in the side bolt circle) is available for protection from the ingress of moisture. This unit is rated for NEMA 4X environments, making it ideal for indoor and extreme outdoor applications.

Hubs: Operators can access a total of six NPT hubs, with two 2" NPT and one 1/2" NPT hubs located at the north side of the enclosure, and two 2" NPT and one 1/2" NPT hubs located at the south side of the enclosure.

Mounting: The EPNFDS-MTS-800A-3P is compatible with surface-mounting applications.

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.

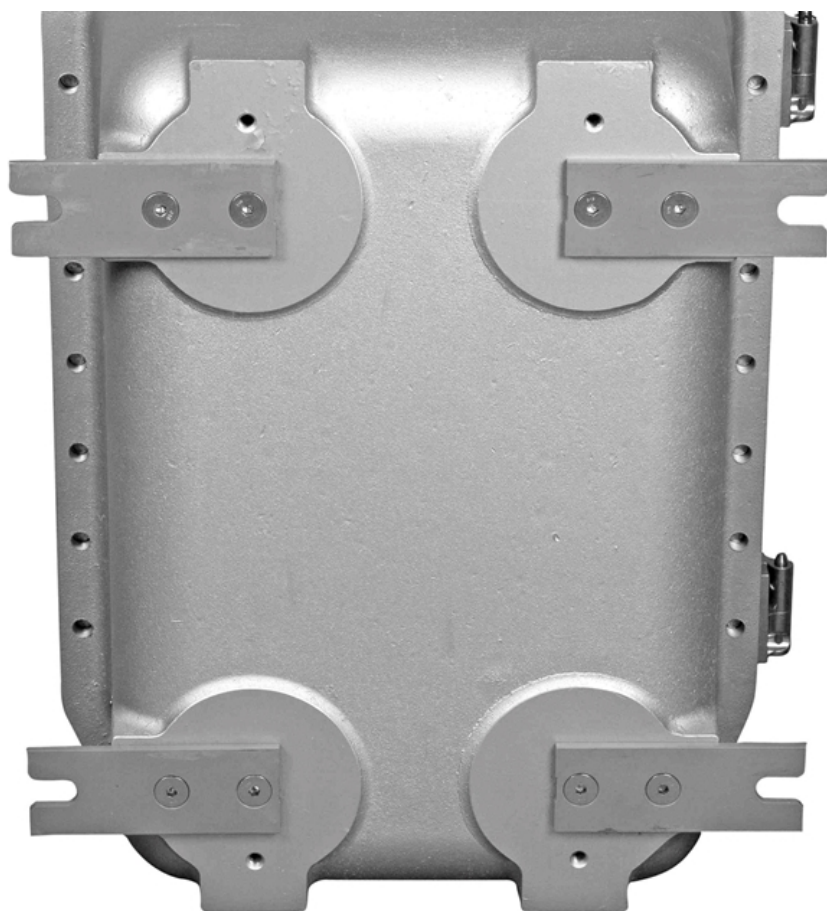
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, 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)









Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [ATEX Certificate \(European Explosion Proof\)](#)
- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Certificate 2, Misc](#)
- [Certificate 3, Misc](#)
- [IEC Ex Certificate \(International Explosion Proof\)](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
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