Larson Electronics LLC
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EPNFDS-100A-3P-CTX-480V-120V

Explosion Proof Non-Fused Disconnect Switch with 480V-120V Control Transformer - 100 Amps - C1D1&2 - 3-Pole - (1) 2" (1) 0.5" Cast Hubs

Product ID: 338263



Image: EPNFDS-100A-3P-CTX-480V-120V

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-100A-3P-CTX-480V-120V Explosion Proof Disconnect Switch with Control Transformer

Dimensions: TBD
Weight: TBD
Configuration: 3-Pole Disconnect Switch with Integrated Control Transformer
Voltage Rating: 480V AC, 3-Phase
Amps: 100A
Transformer Type: 480V AC to 120V AC Control Transformer
Fusible: No
Materials: Copper-free Aluminum
Hardware Materials: Stainless Steel (Hinges, Cover Bolts)
Mounting: Surface Mount
Hub Sizes: (1) 2" NPT (North), (1) 0.5" NPT (South)
Hub Qty: 2
Hub Locations: One on Both North and South sides of enclosure
Conduit: Operator Provided
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 B, C & D
Class I Zones 1 & 2 Groups IIB+ H2 & 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 (B, C, D), 9 (E, F, G)

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

Made in the USA

The Larson Electronics EPNFDS-100A-3P-CTX-480V-120V explosion proof 100 amp non-

fused disconnect switch with integrated control transformer provides operators with a Class I and II, Divisions 1 and 2 copper-free aluminum enclosure for safely disconnecting power while supplying 120VAC control power from a 480VAC source. This 600V rated explosion proof disconnect switch features a 3-pole configuration and an internally mounted 480V to 120V control transformer within a single hazardous location enclosure. The unit features one cast 2" conduit hub on the North side of the enclosure and one cast 0.5" conduit hub on the South side of the enclosure.

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

The EPNFDS-100A-3P-CTX-480V-120V explosion proof disconnect switch with control transformer is made of copper-free aluminum and features a rectangular bolted cover design for uniform and attractive installations. The external on/off lever can be locked into the "off" position with room for up to three padlocks for superior security. The disconnect mechanism is trip-free of the external handle mechanism and is designed for reliable operation in hazardous locations. The integrated control transformer converts 480VAC input power to 120VAC control power for industrial control circuits, pilot devices, relays, contactors, PLCs, and associated equipment. This unit is rated for NEMA 4X environments, making it ideal for indoor and extreme outdoor applications.

Applications: Petroleum refineries, chemical and petrochemical plants, offshore platforms, storage areas, wastewater treatment facilities, manufacturing plants, and other processing facilities where hazardous substances are handled or stored and local disconnecting means with control power are required.

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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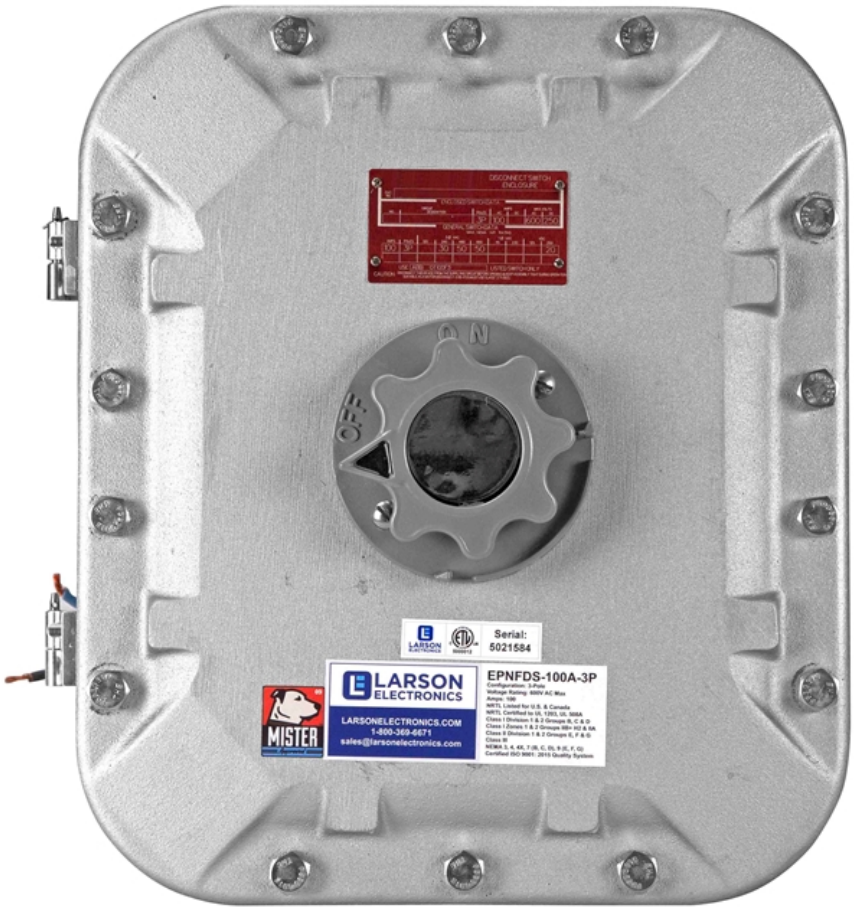

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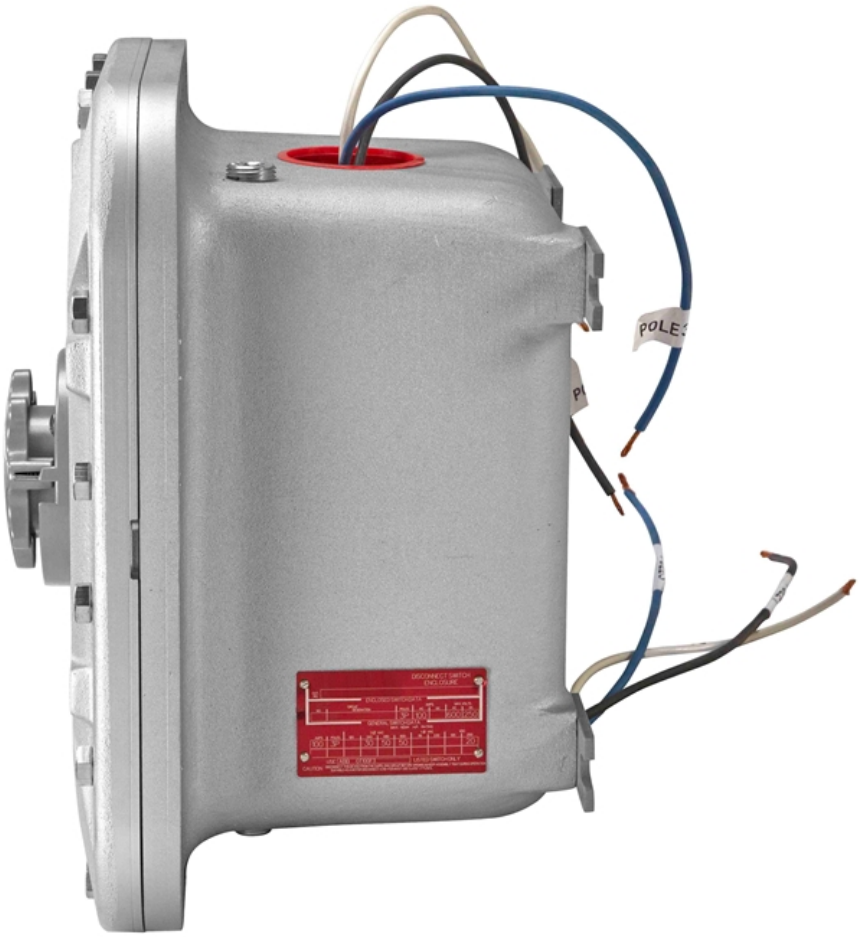

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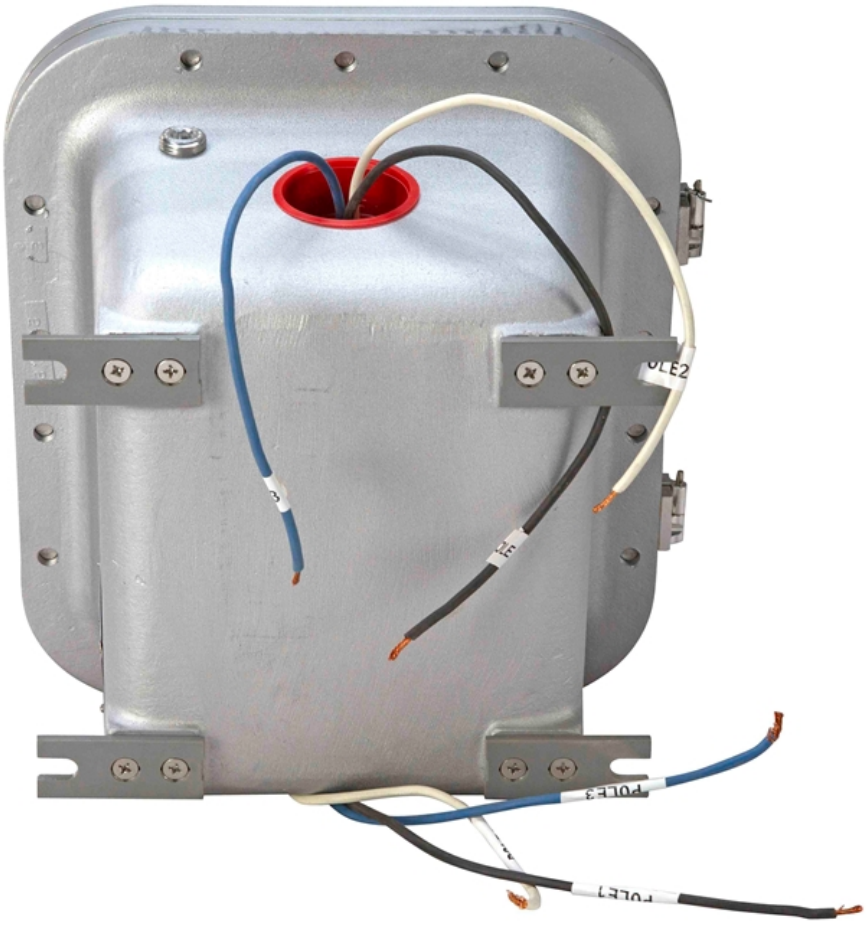

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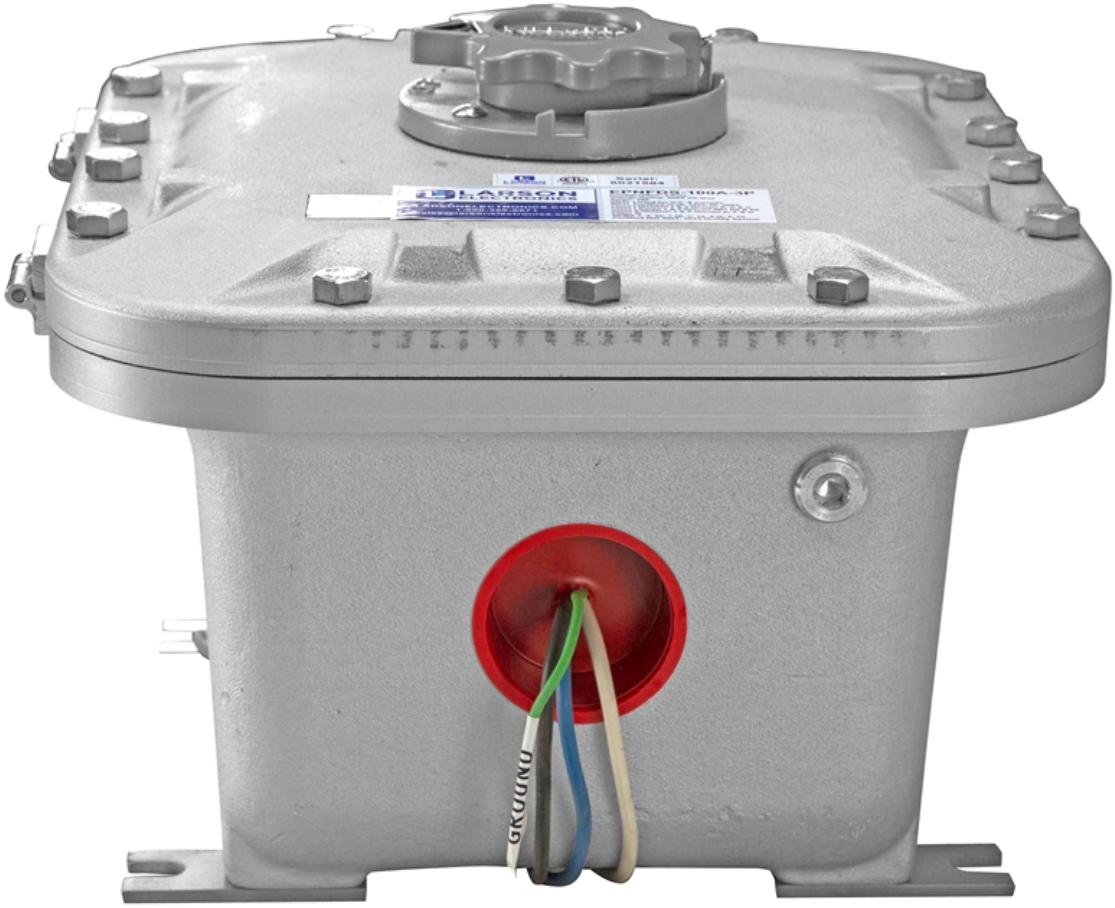

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Frequently Asked Questions (FAQ)

There are no Faqs