

## C1D2 Explosion Proof Disconnect Switch - 30A, 3P - (2) 2" (2) 0.5" Cast Hubs - Auxiliary Contacts

### EPFDS-30A-3P-AXC

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



#### EPFDS-30A-3P-AXC Explosion Proof Disconnect Switch / Breaker

**Amps:** 30  
**Weight:** 10.5 lbs  
**Configuration:** 3-Pole  
**Voltage:** 600V AC or 125V DC maxim  
**Materials:** Cast Aluminum  
**Hardware Materials:** Stainless Steel  
**Mounting:** Surface Mount  
**Hub Sizes:** (2) 2" NPT [One north, one south side], (2) 0.5" NPT [One north, one south side]  
**Hub Qty:** 4  
**Hub Locations:** Two on the north, two on the south side  
**Conduit:** Operator Provided

#### 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  
NEMA 7 (C, D) 9 (E, F, G)  
Auxiliary Contacts

#### Special Orders- Requirements

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-214-616-6180

**Fax:** 1-903-498-3364

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

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

### **Made in the USA**

The Larson Electronics EPFDS-30A-3P-AXC explosion proof 30 amp fusible disconnect switch/breaker with auxiliary contacts provide operators with a Class I and II, Division 1 and 2 cast aluminum enclosure that provides overcurrent and short circuit protection of service entrance, feeder or branch circuits, lighting, heating, appliance and motor circuits. This explosion proof disconnect switch and breaker features an EHD frame and has a 3-Pole configuration. The EPFDS-30A-3P-AXC operates on a maximum of 600V AC or 125V DC and features two cast 2" conduit hubs, one on the north side, one on the south side; and two cast 0.5" conduit hubs, one on the north side, one on the south side. The EPFDS-30A-3P-AXC is fusible at 30 amps with operator provided fuses.

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

The EPFDS-30A-3P-AXC explosion proof disconnect switch / breaker is made of cast aluminum and features a rectangular bolted cover design for uniform and attractive installations. The cover bolts are made from stainless steel. The external on/off lever can be locked into the "off" position with room for up to three

padlocks for superior security. The internal circuit breaker handle mechanism is a sliding plate type mounted to the cover. The circuit breaker is trip free of the external handle mechanism.

This explosion proof device is equipped with auxiliary contacts. The supplementary components function as a low-power relay and are typically used with other contactors. The auxiliary contacts change state with the main contacts but are equipped with lower power ratings.

**Applications:** 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](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

---



---

## Frequently Asked Questions (FAQ)









Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)