

EPS-DCSW-50A-600V

50 Amp Explosion Proof Disconnect Switch - Class 1 Division 1 - Groups C, D - 600V Rated

Product ID: 271094

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.

EPS-DCSW-50A-600V Explosion Proof Disconnect Switch / Breaker

Listing: United States & Canada

Dimensions: 9.125" W x 16" H x 7" D

Weight: 10.5 lbs

Configuration: 3-Pole 4-Wire

Voltage: 250V DC 60Hz

Materials: Cast Aluminum

Hardware Materials: Stainless Steel

Mounting: Surface Mount

Hub Sizes: 2" NPT

Hub Qty: 2 - (1) North, (1) South

Hub Locations: One on Both Top and Bottom

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

Indoor Rated

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

Class III, Divisions 1 & 2

NEMA 4, 9(E, F, G)

CSA LR11714

UL E53290

Special Orders - Special Requirements

Contact us for special requirements

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E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPS-DCSW-50A-600V Hazardous Location Non-Fused Disconnect Switch/Breaker provides operators with a Class II, Divisions 1 & 2, Groups E, F, G, Class III, Divisions 1 & 2 copper-free aluminum enclosure that provides overcurrent and short circuit protection for service entrance, feeder or branch circuits, lighting, heating, appliance and motor circuits. This 50 amp hazardous location

disconnect switch and breaker features an EHD frame with a 3-Pole 4-wire configuration. The EPS-DCSW-50A-600V operates on a maximum of 250V DC and features two cast 2" conduit hubs; one on the top and one on the bottom.

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

The EPS-DCSW-50A-600V hazardous location disconnect switch/breaker is made of copper-free aluminum and features a rectangular bolted cover design for uniform and attractive installations. Cover bolts on this unit are made from stainless steel. During operation, 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 suitable for both indoor and outdoor locations, and is trip-free from the external handle mechanism.

Applications: Petroleum refineries, chemical and petrochemical plants, storage areas, and other processing facilities where hazardous substances are handled or stored.

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Frequently Asked Questions (FAQ)









Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Operations Manual](#)
- [Wiring Diagram](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
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- [Shipping Time Map](#)