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EPS-DCSW-3P-20A-250V

20A Explosion Proof Disconnect Switch - Class I, II, III - 250V Rated, 3-Pole - Handle Switch - Lock Out Tag Out Capable

Product ID: 297032

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



Image: EPS-DCSW-3P-20A-250V

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-3P-20A-250V Explosion Proof Disconnect Switch

Listing: United States & Canada
Unit Type: Non-Fused Disconnect Switch
External Dimensions*: 8.1" x 5.8" x 7.6"
Internal Dimensions*: 3.625" x 5.8125" x 5.0625"
Weight: 11 lb
Voltage Rating: 250 V AC, 60 Hz
HP: 30 @ 600 V 3PH, 20 @ 480 V 3PH, 10 @ 240/208 V 3PH, 5 @ 230 V 1PH, 2 @ 120 V 1PH
Amps: 20 A
Poles: 3
Switch Type: Handle
Lock Out, Tag Out Capable: Yes - Lock Out, Tag Out Hole Included
Materials: Copper-free Aluminum (Enclosure), 316 SS (Cover Bolts), Silicone (O-ring Gasket)
Finish: Grey Powder Polyester Painted Exterior, Electrostatically Applied
Mount: Wall or Surface
Terminal Lug Size: #14 - 4 AWG
Total Hub Quantity:2
North Side Hubs: (1) 1" NPT
South Side Hubs: (1) 1" NPT

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

Special Orders - Special Requirements

Contact us for special requirements

East Side Hubs:0
West Side Hubs:0
Bottom (Back/Base) Hubs:0
Conduit: Operator Provided
*These numbers are approximates and are subject to changes. See attached drawings/diagrams.

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The EPS-DCSW-3P-20A-250V from Larson Electronics is a Non-fused Explosion Proof Disconnect Switch that is suitable for electrical safety and motor disconnects in combustible environments. Lock out, tag out capable and rated at 250 V AC, this 3-Pole unit features a lockable operating handle and a compact design. Constructed of copper-free aluminum, operators can mount the 20 Amp explosion proof disconnect switch on walls and surfaces using fixed lugs at the back of the enclosure.

The EPS-DCSW-3P-20A-250V is a non-fused disconnect switch for flammable work sites. This 3-Pole unit is rated at 250V AC and features a handle for quick disconnection that is lockable to prevent tampering. A compact design ensures the 20 Amp disconnect switch provides space-saving benefits. The explosion proof disconnect switch is constructed of copper-free aluminum, with 316 stainless steel cover bolts and a silicone O-ring gasket.

With conduit entrances located at the top and bottom of the NEMA-rated enclosure, the unit is compatible with #14 - 2 AWG terminal lug sizes. This explosion proof disconnect is designed for Class I, Divisions 1 & 2; Class I, Zones 1 & 2; Class II, Divisions 1 & 2; and Class III combustible sites. The EPS-DCSW-3P-20A-250V can be securely mounted on walls or surfaces. Fixed lugs at the back of the explosion proof unit are available for mounting during installation.

Lock Out / Tag Out: Lock Out, Tag Out (LOTO) is the process of ensuring dangerous machines or equipment are completely shut off and unable to be started again until maintenance or repairs can be completed. Proper LOTO requires hazardous energy sources (electricity, gas, pressure, etc.) to be "isolated and rendered inoperative" prior to any work beginning on the specific equipment. A lock is then secured on the isolated power sources along with a tag that identifies the worker who placed it. That worker then keeps the key on their person ensuring no one else can start up the equipment.

The EPS-DCSW-3P-20A-250V is equipped with lock out, tag out holes that allow for proper safety precautions to be taken before maintenane or repair work begins on dangerous equipment and machinery. Please note that this unit does **NOT** come with a lock or tag. It is LOTO-ready, but operators must provide their own locks, keys, and tags.

Applications: Industrial motors, motor disconnects, panelboards, switchboards, electrical management, equipment protection and more.

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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Frequently Asked Questions (FAQ)

There are no Faqs

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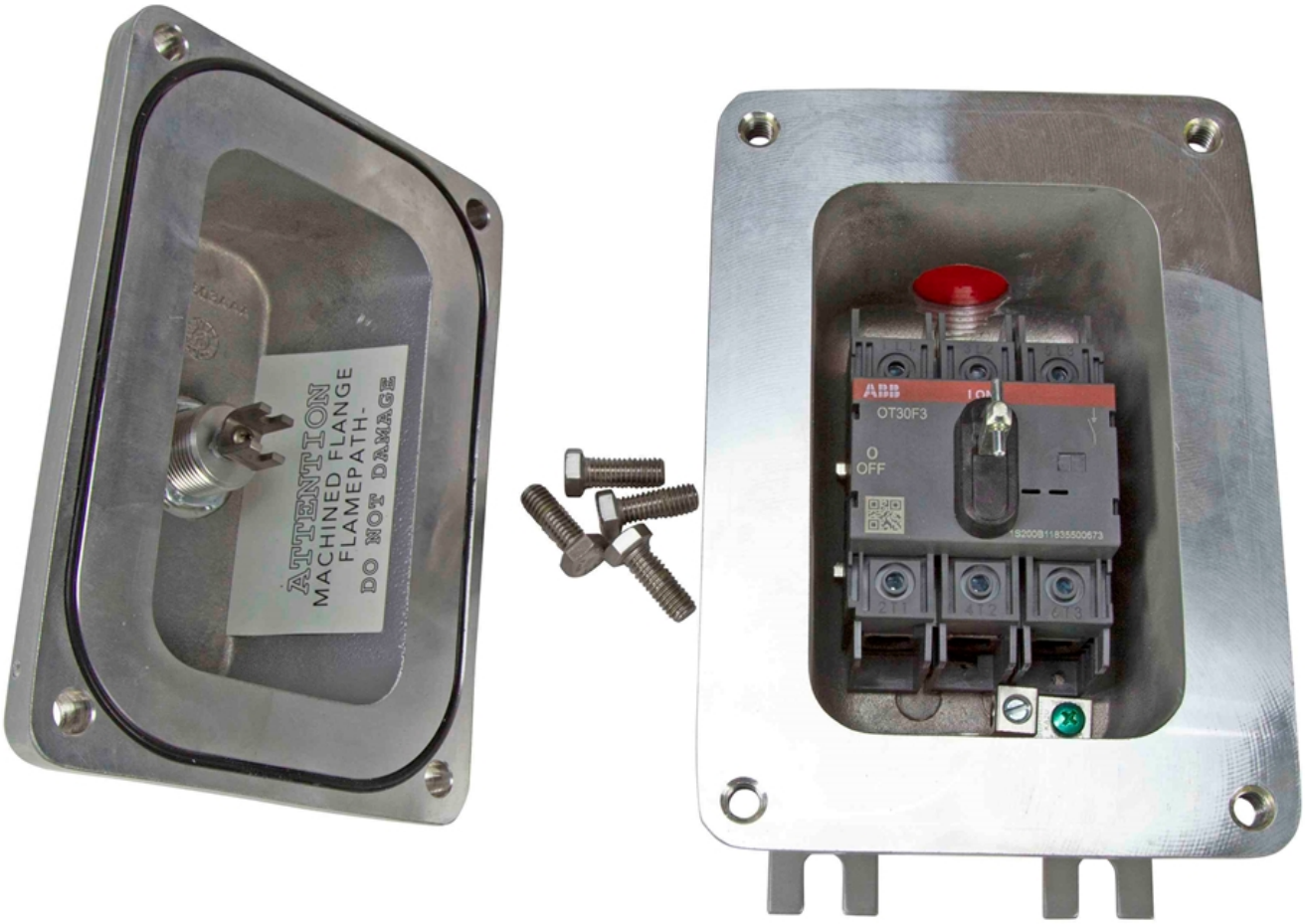


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Links (Click on the below items to view):

- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/297032.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com/images/product/Step/297032.ZIP)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/297032.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/297032.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/297032.JPG)
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- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/297032.JPG)
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- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/297032.JPG)
- **Video1**(http://www.youtube.com/watch?v=YPKaKvVnVso)
- **Video2**(https://www.youtube.com/watch?v=LCYOu15ez4s)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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