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HLSW-MDS-80A-6P-AUX.2

C1D2 Non-metallic Motor Disconnect Switch - 690V Rated, 3PH - 6-Pole, 80 Amps - (3) Aux Contacts - Wall Mount

Product ID: 272489

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.

HLSW-MDS-80A-6P-AUX.2 Explosion Proof Disconnect Switch

Listing: NRTL Listed for United States, Canada, EU and International
Dimensions: -
Weight: 5.1 lbs
Rated Voltage: 690V AC
Phase: 3PH
HP: 14.3 @ 240V AC, 12.2 @ 600V AC
Rated Amps: 80A
Poles: 6P
Auxiliary Contact: (1) NO, (2) NC
Auxiliary Contact Amp Rating: 16A
Materials: Non-metallic Fiberglass-reinforced Polyester (Housing), Impact-resistant Thermoplastic (Handle), Silicon (Gasket), SS (Cover Screws)
Mount: Wall Mounting Plate
Terminals: 12 AWG
Hubs: (2) 1/2" Hubs

Ratings/Approvals

Class I, Division 2 Groups A,B,C,D
Class I, Zones 1 & 2 AEx de IIC, T6
Class II, Division 1 Groups E, F, G
Class II, Division 2 Groups F, G
Ex de IIC, T6, Zones 1 & 2, IP66
ATEX Approved
NEMA 4X, UV Rated

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 HLSW-MDS-80A-6P-AUX.2 Explosion Proof Disconnect Switch is designed for managing electrical connections in hazardous locations. This 80-amp unit is rated at 690V AC and offers

compatibility with three-phase power. Constructed of non-metallic fiberglass-reinforced polyester, the disconnect switch is housed in an IP66-rated enclosure. This 6-pole hazardous location switch can be mounted on walls for seamless access.

The HLSW-MDS-80A-6P-AUX.2 provides operators with a reliable method for managing electrical circuits and power in Class I, Division 2 and Class II, Division 1 & 2 work sites. This unit is rated for 80 amps with a maximum voltage rating of 690V AC. The 6-pole disconnect switch is compatible with three-phase power and features one, normally open (NO) and two, normally closed (NC) contacts. All auxiliary contacts are rated at 16 amps. Large rotary handles provide streamlined activation for operators with gloved hands. For adhering to OSHA lockout/tagout guidelines, the handle is lockable.

The explosion proof disconnect switch is constructed of non-metallic fiberglass-reinforced polyester with silicon gasketing and stainless steel cover screws. The handle is made out of impact-resistant thermoplastic. Compared to bulky cast metal variants, this unit is lightweight and very resistant to the effects of corrosion and hard impacts. Operators can mount the ATEX-approved disconnect switch on compatible walls, via the wall mounting plate. Two, 1/2" conduit entries are available for completing electrical connections.

Applications: Petroleum refineries, chemical and petrochemical plants, paint spray booths, food manufacturing buildings, grain storage, agricultural operations, flammable work sites 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)

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Product ID: 272489

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**