Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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Product ID: 273841

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



Image:

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-SW20-2PSW-MS-LCK-UK Non-Metallic Switch

Listing: NRTL Listed for United States, Canada, Europe, Asia
Type: 2-Position Selector Switch
Dimensions: 3.95"W x 4.21"H x 4.16"D
Voltage Rating: 690V AC, 50-60Hz
Amp Rating: 20A
Horsepower Rating: 2 HP
Switch Positions: 2
Return Mechanism: Momentary Spring
Ambient Operating Temp Range: -50°C to +60°C
UV Protection: f1
Housing Materials: Non-Metallic Glass Reinforced Impact Resistant Anti-static Material
Housing Color: Black
Switch Color: Black
Legend Plate Color: Silver
Legend Plate Labels: On/Off
Contact Blocks: (1) NO, (1) NC
Flame Retardant Rating: V-0
Gasket Material: Silicone
Mounting: Din Rail Mount
Wiring Hub: (1) 1/2" NPT Hub

Ratings/Approvals

Class I, Division 2, Groups A, B, C, D
Class I, Zone 1, AEx de IIC T4/T5/T6 Gb
Class II, Division 2, Groups E, F, G
Class III
Type 3, 4, 4X, 12, 13
II 2 G Ex de IIC T4/T5/T6 Gb
II 2 D Ex tb IIIC T4/T5/T6 Db IP66
NEMA 3, 4, 4X, 12, 13

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The HLSW-SW20-2PSW-MS-LCK-UK from Larson Electronics is a Non-metallic 2-position Switch that is rated for Class I, Division 2 Groups A, B, C & D, Class II, Division 2, Groups E, F & G and Class III hazardous environments. This ATEX certified 2-position selector switch has a din rail mount design and is constructed of an impact resistant glass reinforced non-metallic material with silicone gaskets. The HLSW-SW20-2PSW-MS-LCK-UK has a black housing color with a black two-way switch and boasts a compact size for convenient mounting and use.

This Class I, Division 2 Groups A, B, C & D rated non-metallic switch is designed for din rail mounting. It is ideal for mounting and use in petroleum refineries, chemical plants, petrochemical plants and other facilities where similar conditions exist. The HLSW-SW20-2PSW-MS-LCK-UK has explosion protected contact blocks that are rated for voltages up to 690V AC, capable of handling 20 amps for switching duty and has a horsepower rating of 2 HP. This 2-position selector switch also features silver alloy contacts with gold flashing. Equipped with a momentary spring mechanism when returning to the "off" position, the non-metallic switch has an ambient operating temperature of -50°C to +60°C and can be used in conjunction with motor starters or contactors for remote operation of motors.

The HLSW-SW20-2PSW-MS-LCK-UK C1D2 2-position switch features a non-metallic housing that is constructed of a PA6 glass reinforced anti-static material which is impact resistant, f1 UV resistant and has a flame retardant rating of V-0. The housing on this switch is black and the switch itself is also black which offers plenty of contrast against the silver legend plate that is marked On-Off for easy visibility of the switch and its current position. This switch has a 1/2" NPT hub and features silicone gasketing throughout.

The HLSW-SW20-2PSW-MS-LCK-UK has normally open and normally closed contact blocks. Normally open is a contact that does not flow current in its normal state. In the case of this switch, the normally open contact would be labeled as "OFF" because the circuit is "open" or not allowing current to flow. This unit is designed for ordering with unique keys per operator. Up to six unique key cuts are available. Please choose key cut option when ordering.

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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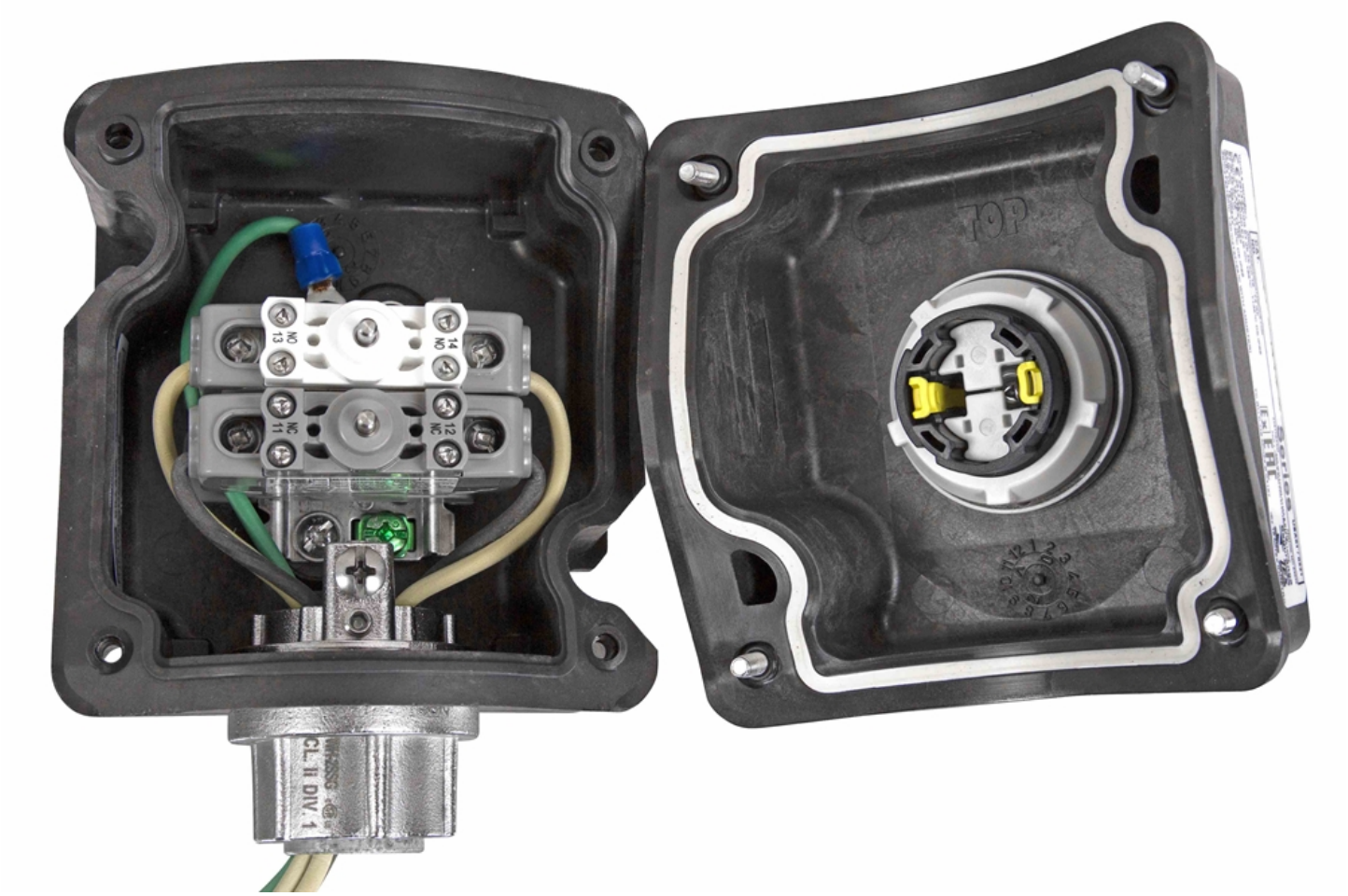

Image:


CAT. NO.
USA01 / 0521
INDUSTRIAL CONTROL EQUIPMENT FOR USE IN ZONE CLASSIFIED HAZ. LOCS
CLASS I, ZONE 1, AEx db eb IIC T6...T4 Gb, Ex db eb IIC T6...T4 Gb
ZONE 21, AEx tb IIIC T85°C...T135°C Db IP66, Ex tb IIIC T85°C...T135°C Db IP66
CLASS I, DIV. 2, GRPS. A, B, C, D
CLASS II, DIV. 1, GRPS. E, F, G (CANADA ONLY)
CLASS II, DIV. 2, GROUPS F, G, CLASS III
CLASS III: TYPE 3/4/4X/12/13, -40°C≤Ta≤+60°C
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Product ID: 273841

Export Control Classification Number (ECCN): EAR99

Options:

-Termination-Key Cut
Example: -DE-K1

Termination	
-DEAD END	-DE
-FEED THRU	-FT

Key Cut	
KEY CUT	-K1

Links (Click on the below items to view):

- **ATEX Certificate (European Explosion Proof)**(https://www.larsonelectronics.com//images/product/ATEXCert/273841.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com//images/product/CECCert/273841.PDF)
- **CE Certificate**(https://www.larsonelectronics.com//images/product/CECert/273841.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com//images/product/Cert1/273841.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com//images/product/Cert2/273841.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com//images/product/Cert3/273841.PDF)
- **IEC Ex Certificate (International Explosion Proof)**(https://www.larsonelectronics.com//images/product/IECExCert/273841.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/273841.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com//images/product/RoHSCert/273841.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com//images/product/NECCert/273841.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/273841.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/273841.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/273841.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/273841.JPG)
- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/273841.JPG)
- **HigResPic6**(https://www.larsonelectronics.com//images/product/HigResPic6/273841.JPG)
- **HigResPic7**(https://www.larsonelectronics.com//images/product/HigResPic7/273841.JPG)
- **HigResPic8**(https://www.larsonelectronics.com//images/product/HigResPic8/273841.JPG)
- **HigResPic9**(https://www.larsonelectronics.com//images/product/HigResPic9/273841.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)