

HLSW-RSW-20A-STDP

Non-Metallic Explosion Proof 2-Pole Rocker Switch - Single Throw - C1&2D2 - C3D1&2

Product ID: 149868

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-RSW-20A-STDP Non-2-Pole Rocker Switch Single Throw

Type: 2-Pole Rocker Switch

Dimensions: 3.95"W x 4.21"H x 4.16"D

Voltage Rating: 690V AC 20A @ 50-60Hz, 60VDC 5A, 110VDC 2A, 255VDC 1.5A

Horsepower Rating: 0.5 HP @ 120VAC/ 1 HP @ 208/240/277VAC

Ambient Operating Temp Range: -45°C to +60°C

UV Protection: f1

Housing Materials: Non-Metallic Glass Reinforced Impact Resistant Antistatic Material

Housing Color: Black

Switch Color: Black

Legend Plate Color: Silver

Legend Plate Labels: On/Off

Contact Block Options: (1) Normally Closed & (1) Normally Open / (2) Normally Open

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 II, Zone 2, Aex tb IIIC T4/T5/T6 Db IP66

Class III, Divisions 1 & 2

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

E-mail: sales@larsonelectronics.com

The HLSW-RSW-20A-STDP from Larson Electronics is a non-metallic double pole rocker switch with a single throw, that is rated for Class I Division 2 Groups A, B, C & D, Class II, Division 2, Groups E, F & G and Class III, Divisions 1 & 2 hazardous environments. This ATEX certified 2-

pole rocker switch has a din rail mount design and is constructed of an impact resistant glass reinforced non-metallic material with silicone gaskets. The HLSW-RSW-20A-STDP has a black housing color with a black rocker switch and boasts a compact size for convenient mounting and use.

This Class I Division 2 Groups A, B, C & D rated non-metallic double pole rocker 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-RSW-20A-STDP has explosion protected contact blocks that are rated for voltages up to 690V AC, is capable of handling 20 amps for switching duty and has a horsepower rating of 0.5 HP at 120VAC. This 2-pole rocker switch also features silver alloy contacts with gold flashing. This non-metallic single throw rocker switch has an ambient operating temperature of -45°C to +60°C and can be used in conjunction with motor starters or contactors for remote operation of motors.

The HLSW-RSW-20A-STDP C1D2 non-metallic 2-pole rocker switch features a non-metallic housing that is constructed of a PA6 glass reinforced antistatic material that 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-RSW-20A-STDP has two contact block options: one normally closed contact block and one normally open contact block, or both contact blocks normally open. Normally closed is a contact that flows current in its normal state and normally open is a contact that does not flow current in its normal state. In the case of a normally closed/normally open option, the normally closed contact would be labeled as "ON" because the circuit is "closed" or allowing current to flow while the normally open contact would be labeled as "OFF" because the circuit is "open" or not allowing current to flow.

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.

Frequently Asked Questions (FAQ)

HLSW-RSW-20A-STDP

Product ID: 149868

Warranty: 12 Months

Export Control Classification Number (ECCN): EAR99

Options:

HLSW-RSW-20A-STDP-Contacts

Example: HLSW-RSW-20A-STDP-NO.NC

Contacts	
N.O./N.C.	-NO.NC
N.O./N.O.	-NO.NO

Links (Click on the below items to view):

- [ATEX Certificate \(European Explosion Proof\)](#)
- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Certificate 2, Misc](#)
- [Certificate 3, Misc](#)
- [IEC Ex Certificate \(International Explosion Proof\)](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)