

HLSW-PB20-1XMPB-3PSW

Non-Metallic Explosion Proof Switch C1D2/C2D2 - 3-Position Selector Switch, Push Button

Product ID: 243960

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-PB20-1XMPB-3PSW Non-Metallic Explosion Proof Switch

Listing: NRTL Listed for United States, Canada and International; ATEX Rated

Type: Non-metallic Switch

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

Voltage Rating: 690V AC, 20A, 50-60Hz

Horsepower Rating: 2 HP

Selector Switch Type: 3-position, Maintained Contact

Push Button Type: Momentary

Push Button Color: Black, Green or Red

Ambient Operating Temp Range: -50°C to +60°C

Housing Materials: Non-Metallic Glass Reinforced Impact Resistant Anti-static Material

UV Protection: f1

Flame Retardant Rating: V-0

Gasket Material: Silicone

Contact Blocks: (2) Normally Open

Mounting: Din Rail Mount

Wiring Hub: (1) 1/2" NPT Hub

Housing Color: Black

Legend Plate Color: Silver

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

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The HLSW-PB20-1XMPB-3PSW from Larson Electronics is a non-metallic

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, Divisions 1 & 2 hazardous environments. The 20-amp unit is equipped with a 3-position switch and one push button. This ATEX certified switch switch has a din rail mount design and is constructed of an impact resistant glass reinforced non-metallic material with silicone gaskets.

The Class I, Division 2 Groups A, B, C & D rated non-metallic switch is designed for din rail mounting in flammable environments. It is ideal for use in petroleum refineries, chemical plants, petrochemical plants and other facilities where similar conditions exist. The HLSW-PB20-1XMPB-3PSW contains a 3-position, maintained contact switch and one momentary push button. Choices for the color of the push button includes: black, green or red. This device 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 2 HP.

The NEMA-rated unit is protected by a non-metallic housing that is constructed of a PA6 glass reinforced anti-static material that is impact resistant, f1 UV resistant and has a flame retardant rating of V-0. This unit also features silver alloy contacts with gold flashing. 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.

Hub: This switch has a 1/2" NPT hub and features silicone gasketing throughout.

Mount: The HLSW-PB20-1XMPB-3PSW is compatible with din-rail mounting applications.

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-PB20-1XMPB-3PSW

Product ID: 243960

Export Control Classification Number (ECCN): EAR99

Options:

HLSW-PB20-1XMPB-3PSW-Push Button Color

Example: HLSW-PB20-1XMPB-3PSW-BLK

Push Button Color	
BLACK	-BLK
GREEN	-GRN
RED	-RED

Links (Click on the below items to view):

- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)