

## HLSW-PB20-3PSW-MM

### Non-Metallic Explosion Proof Switch - C1D1/C2D1 - 3-Position Selector Switch - Momentary Left/Right

Product ID: 264790



Image: HLSW-PB20-3PSW-MM

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-PB20-3PSW-MM Non-Metallic Flameproof Switch

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

**Type:** Momentary/Maintained Contact 3-position Selector Switch

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

**Voltage Rating:** 690V AC, 50-60Hz

**Amps:** 20A

**Switch Configuration:** Momentary (Left, Right), Maintained (Center)

**Horsepower Rating:** 2 HP

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

**UV Protection:** f1

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

**Housing/Switch Color:** Black

**Legend Plate Color:** Silver

**Legend Plate Labels:** Hand-Off-Auto

**Contact Blocks:** (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

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The HLSW-PB20-3PSW-MM 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. This ATEX certified 3-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-PB20-3PSW-MM has a black housing color 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-PB20-3PSW-MM 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. The 3-position switch is configured with the following actions: momentary (left position, right position) and maintained (center).

This selector switch also features silver alloy contacts with gold flashing. This 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-PB20-3PSW-MM 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. 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 Hand-Off-Auto 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-PB20-3PSW-MM has two normally open 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.

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](mailto: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