

HLSW-PB20-MS

Non-Metallic Explosion Proof Maintained Switch - Single Push Button - C1D2 - C2D2 - C3D1&2

Product ID: 146699

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-MS Non-Metallic Maintained Switch

Listing: NRTL Listed for United States and Canada

Type: Explosion Proof Maintained Switch

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

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

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 Color: Black

Button Color: Green

Contacts: (2) Normally Open, (2) Normally Closed or (1) Normally Open/(1) Normally Closed

Flame Retardant Rating: V-0

Gasket Material: Silicone

Mounting: Din Rail Mount

Termination: Dead End or Feed Through

Wiring Hub: 1/2" NPT

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-MS from Larson Electronics is a non-metallic maintained 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 single push button 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-MS has a black housing color with a green button and boasts a compact size for convenient mounting and use.

This Class I, Division 2 Groups A, B, C & D rated non-metallic maintained 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-MS 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. This switch also features silver alloy contacts with gold flashing. This non-metallic maintained 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. Contact options include: (2) NO, (2) NC or (1) NO/(1) NC.

The HLSW-PB20-MS C1D2 non-metallic single push button maintained switch features 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 button itself is green which offers plenty of contrast for easy visibility of the button. This switch is offered in a dead end or feed through configuration with 1/2" NPT hub size and features silicone gasketing throughout.

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-MS

Product ID: 146699

Export Control Classification Number (ECCN): EAR99

Options:

HLSW-PB20-MS-Termination-Contacts

Example: HLSW-PB20-MS-DE-NO.2

Termination	
DEAD END	-DE
FEED THRU	-FT

Contacts	
(2) NORMALLY OPEN	-NO.2
(2) NORMALLY CLOSED	-NC.2
NORM. OPEN/CLOSED	-NO.NC

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 \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)