

Non-Metallic Explosion Proof Momentary Switch - Mushroom Head Push Button - ATEX/IECEX Certified

HLSW-PB20-MMS-R1

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



HLSW-PB20-MMS-R1 Non-Metallic Mushroom Head Momentary Switch

Listing: United States, Canada, European Union, International

Type: Mushroom Head Momentary Switch

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

Voltage Rating: 690V AC 50/60Hz

Amperage Rating: 20A

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 or Red

Flame Retardant Rating: V-0

Gasket Material: Silicone

Mounting: Din Rail Mount

Wiring Hub: (1) 1/2" NPT Hub - ATEX/IECEX Certified

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- Requirements

Contact us for special requirements

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The HLSW-PB20-MMS-R1 from Larson Electronics is a non-metallic mushroom head momentary 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/IECEX certified single mushroom head momentary 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-MMS-R1 has a black housing color with a choice of green or red button and boasts a compact size for convenient mounting and use.

This Class I, Division 2 Groups A, B, C & D rated non-metallic mushroom head momentary 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-MMS-R1 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 mushroom head momentary 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 switch, enclosure and hub are ATEX/IECEX certified for use in flammable work sites.

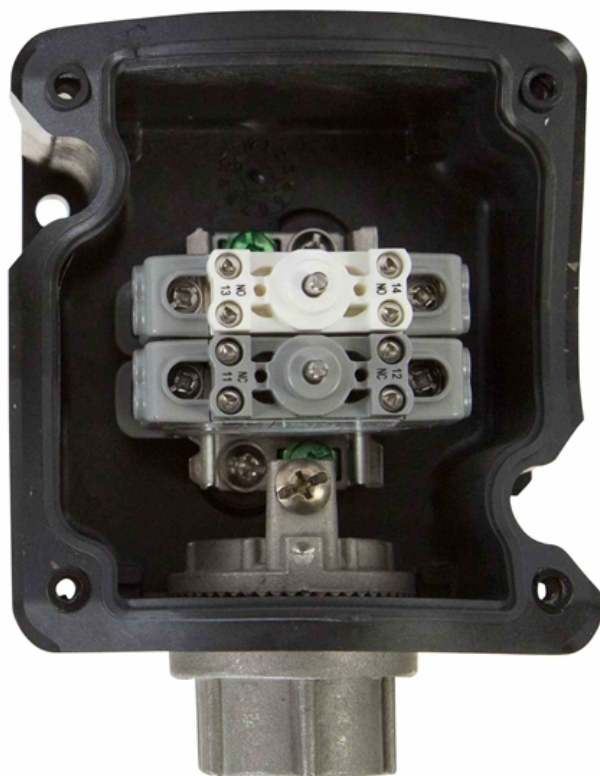
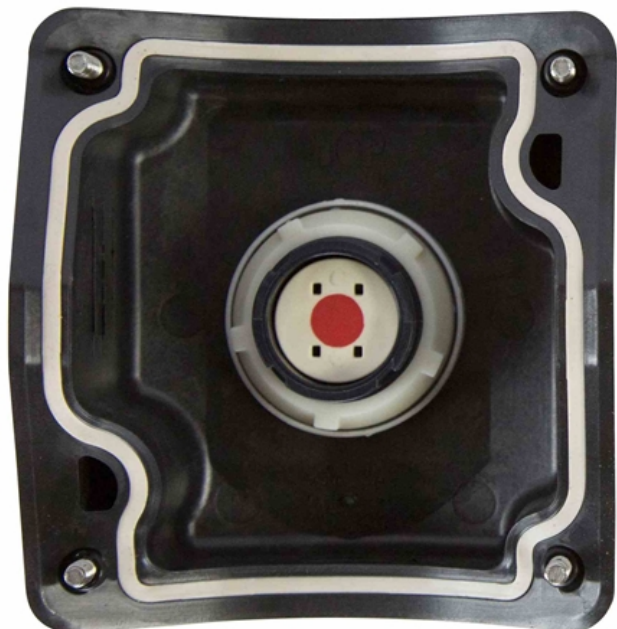
The HLSW-PB20-MMS-R1 C1D2 non-metallic single push button mushroom head momentary switch features a non-metallic housing that is constructed of a PA6 glass reinforced anti-static material that is impact resistant, f1 UV resistant and has a flame retardant rating of V-0. The housing on this switch is black and the button itself is offered in green or red. This switch has an ATEX/IECEX certified 1/2" NPT hub 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)









Options:

HLSW-PB20-MMS-R1-Color

Example: HLSW-PB20-MMS-R1-RED

| Color | |
|-------|------|
| RED | -RED |
| GREEN | -GRN |

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](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)