

HLSW-PB20-PB.SG-ESTP

Non-Metallic Explosion Proof Switch C1D2/C2D2 - Start/Stop Double Push Button - Emergency Stop Push Button

Product ID: 267451

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-PB.SG-ESTP 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

Button Types: Start/Stop Double Push Button; Mushroom Head Emergency Stop

Push Button Type: Double Push Button for Start/Stop; Mushroom Head for Emergency stop

Double Push Button Color: Green (Start) & Red (Stop)

Emergency Push Button Color: 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: (1) NO (1) NC for E-Stop, (1) NO for Start, (1) NC for Stop

Mounting: Din Rail Mount

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

Housing Color: Black

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

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

Legend Plate Color: Silver

E-mail: sales@larsonelectronics.com

The HLSW-PB20-PB.SG-ESTP 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 start/stop double push button and one emergency stop push button. This ATEX certified 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-PB.SG-ESTP contains a start/stop double push button and one emergency stop push button. The double push button has a green button on the left side for start and a red button on the right side for stop. The mushroom head emergency stop push button is located beneath the start/stop double push button and is red in color. 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-PB.SG-ESTP is compatible with din-rail mounting applications.

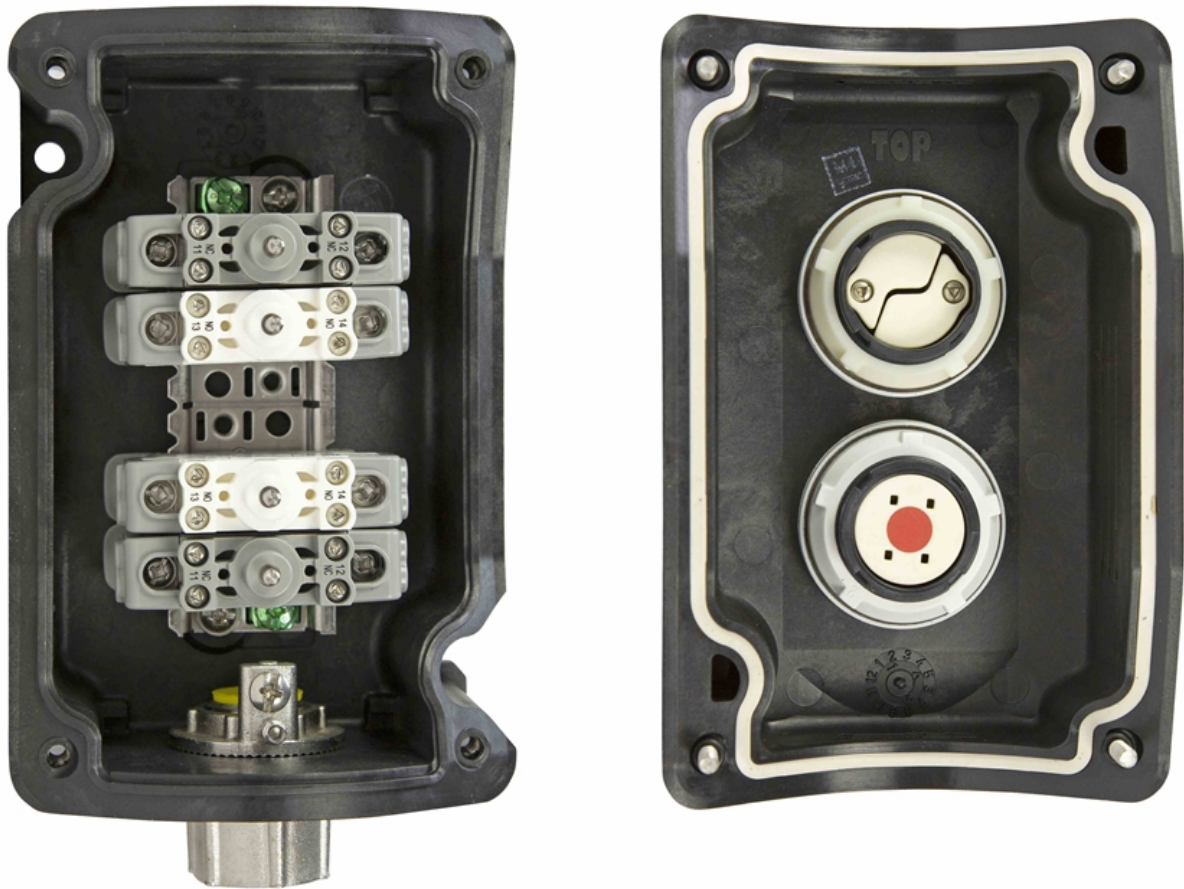
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Frequently Asked Questions (FAQ)









Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
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