Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

HLSW-PB20-ES-KS-LCK-M3

20A Non-Metallic Explosion Proof Emergency Stop Key Lock Switch w/ Lockout Device - Class I, II, III - Mushroom Head, Label/NEMA

Product ID: 276984

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-ES-KS-LCK-M3 Non-Metallic Mushroom Head Master Emergency Stop Switch w/ Lockout Device

Listing: NRTL Listed for United States, Canada, European Union, International
Dimensions: 3.95"W x 4.21"H x 4.16"D
Voltage Rating: 690V AC, 50/60 Hz
Amperage Rating: 20A
Horsepower Rating: 2 HP
Switch Type: Mushroom Head Master Emergency Stop Key Lock Switch
Configuration: Key Operated
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: Red
Lockout Device: Yes - Aluminum Lockout Device / Button Guard w/ "MASTER EMERGENCY STOP" Label
Flame Retardant Rating: V-0
Gasket Material: Silicone
Mounting: Din Rail Mount
Wiring Hub: (1) 1/2" NPT Hub or (1) M20 Clearance Hole Hub or (1) 3/4" 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
Aluminum Lockout Device w/ "MASTER EMERGENCY STOP" Label

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The HLSW-PB20-ES-KS-LCK-M3 from Larson Electronics is a Non-Metallic

Explosion Proof Emergency Stop Key Lock Switch w/ Lockout Device 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 mushroom head emergency stop push button switch has a din rail mount design and is constructed of impact resistant glass reinforced non-metallic material with silicone gaskets. The unit has a black housing color with a red button and boasts a compact size for convenient mounting and use. The HLSW-PB20-ES-KS-LCK-M3 is equipped with an emergency stop shroud and lockout device. The key lock switch is constructed from aluminum and protects the button from being pushed or activated accidentally. The emergency stop shroud is also equipped with a through-hole that allows a lockout pin to be used and a red label with the message "MASTER EMERGENCY STOP".

This Class I, Division 2 Groups A, B, C & D rated non-metallic mushroom head emergency stop push button 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-ES-KS-LCK-M3 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 emergency stop push button key lock 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-ES-KS-LCK-M3 C1D2 non-metallic single push button mushroom head master emergency stop 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 while the border around the button and the button itself are red which offers plenty of contrast for easy visibility of the button. The HLSW-PB20-ES-KS-LCK-M3 features silicone gasketing throughout. This switch is available in either a 1/2" NPT hub or a M20 clearance hole hub.

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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

HLSW-PB20-ES-KS-LCK-M3

Product ID: 276984

Export Control Classification Number (ECCN): EAR99

Options:

HLSW-PB20-ES-KS-LCK-M3-Hub Config-Contacts

Example: HLSW-PB20-ES-KS-LCK-M3-0.5IN-1NO

Hub Config	
1/2 IN	-0.5IN
3/4 IN	-0.75IN
M20	-M20

Contacts	
1 NORMALLY OPEN	-1NO
1 NORMALLY CLOSED	-1NC

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram**
- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**