

HLSW-AE.EX-PMU-TSW-2P-RY-C3-S-01

Explosion Proof 2-position Toggle Switch - 16A, 100-250V AC - ATEX/IECEx - Red/Yellow

Product ID: 257527

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-AE.EX-PMU-TSW-2P-RY-C3-S-01 Hazardous Location Control Device

Listing: NRTL Listed to ATEX/IECEx Standards

Unit Type: Explosion Proof Toggle Switch

Dimensions: 5.69" x 3.03" x 1.73"

Weight: -

Voltage Rating: 100-250V AC 50/60 Hz, 10-110V DC

Switch Type: 2-position, Toggle

Label: -

Contacts: (1) NO, (1) NC

Mechanical Life: 100,000+ Operations

Amperage Rating: 16A (100-250V AC), 1A (10-110V DC)

Operating Temp: -40 to +40 / +55

Materials: -

Mount: Panel

Terminals: (2) 2.5mm

Cable Gland Diameter: 5.5 ~ 13mm

Color: Safety Red/Yellow - Black Optional

Ratings/Approvals

Approved for Zone 1 & Zone 2

Approved for Zone 21 & Zone 22

ATEX EX II 2 GD

IEC Ex d e IIC T6 Gd IP66

IEC Ex tb IIC T80°C Db

Temp Rating -40Ta40/55

NRTL Certified to IEC 60079

NRTL Certified to EN 60079

CE Certified

Conforms to CE 0575

IP66 Weatherproof

Special Orders - Special Requirements

Contact us for special requirements

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PLEASE NOTE: The HLSW-AE.EX series of explosion proof switches, operators, buttons, lights, and dials are certified to European Union (ATEX) and International (IEC Ex) standards and are approved for installing in these locations. This unit IS NOT certified to United States (NEC) or Canadian (CEC) standards for hazardous location. This unit DOES NOT carry UL or CSA ratings. Please contact Larson Electronics for NEC/CEC equivalent version of this product if you intend to install the product in United States, Canada, or any country that followed NEC or CEC electrical standards.

The HLSW-AE.EX-PMU-TSW-2P-RY-C3-S-01 from Larson Electronics is an Explosion Proof Toggle Switch that is suitable for preventing the ignition of external, flammable

atmospheres in ATEX/IECEx rated areas. This 16-amp unit is equipped with two positions. The panel-mount device contains two terminals for wiring connections.

PLEASE NOTE: The HLSW-AE.EX series of explosion proof switches, operators, buttons, lights, and dials are certified to European Union (ATEX) and International (IEC Ex) standards and are approved for installing in these locations. This unit IS NOT certified to United States (NEC) or Canadian (CEC) standards for hazardous location. This unit DOES NOT carry UL or CSA ratings. Please contact Larson Electronics for NEC/CEC equivalent version of this product if you intend to install the product in United States, Canada, or any country that followed NEC or CEC electrical standards.

The HLSW-AE.EX-PMU-TSW-2P-RY-C3-S-01 is a hazardous location control device for use in ATEX/IECEx rated environments. The two-position toggle switch operates on 100-250V AC 50/60Hz @ 16 amps and 10-110V DC @ 1 amp. This switch is finished in safety red/yellow (black optional) and offers more than 100,000 cycles. Contact configuration is (1) normally open and (1) normally closed. Equipped with an IP66 weatherproof rating, this device is compatible with panel mounting requirements. Two terminals are accessible for wiring connections. This explosion proof switch accepts 5.5-13mm cable gland diameter.

Applications: Chemical processing facilities, food processing plants, oil refineries, agricultural sites, grain storage facilities, metal processing and more.

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)



Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Dimensional Drawing 2D](#)
- [IEC Ex Certificate \(International Explosion Proof\)](#)
- [MSDS \(Material Safety Data Sheet](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)