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

EPCS-SW1-PLG-V2

Explosion Proof Switch - C1D1/C2D1 - 24V, 5A - On/Off Switch w/ Fwd-facing Green Pilot Light

Product ID: 221515

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.

EPCS-SW1-PLG-V2 Explosion Proof Tumbler Switch

Unit Type: Explosion Proof On/Off Switch

Dimensions: 14.26"-H x 3.00"-W x 4.69"-D

Voltage: 24V DC

Poles: 2

Amps: 5A

Function: On/Off

LED Pilot Light: Green (Wired to On)

LED Expected Lifespan: 50,000+ Hours

Unit Materials: Box/Receptacle- Malleable Iron, Sealing Chamber-Aluminum

Finish: Triple Coat—Zinc Electroplate, Chromate, Epoxy powder Coat

Grounding: Single Internal Housing Ground Screw

Insulation: Integral Bushings in Conductor Openings

Mounting: Surface/Wall

Hub Configuration: Dead End or Feed Through

Hub Size Options: 1/2", 3/4" or 1"

Ratings

Class I, Division 1&2 Groups B,C,D

Class II, Division 1&2 Groups E,F,G

Class III

NEMA 4, 7 (C,D), 9 (E,F,G)

Forward-facing LED Pilot Light

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 Larson Electronics EPCS-SW1-PLG-V2 Explosion Proof Switch provides on/off controls for connected motors, machines and equipment in combustible facilities. This 5-amp rated explosion proof accessory operates on 24V DC and comes with a forward-facing green LED pilot

light. Constructed malleable iron, the 2-pole explosion proof switch is offered in a dead-end or feed-through configuration.
The EPCS-SW1-PLG-V2 is designed for use in Class I, II and III rated work sites. Rated at 5 amps, the 2-pole switch is compatible with 24V DC. A green LED pilot light in a forward-facing configuration notifies operators about the status of the on/off switch, so that when the switch is in the on position, the pilot light is on. When the switch is deactivated in the off position, the LED pilot light is also deactivated (off).
The EPCS-SW1-PLG-V2 explosion proof switch cover and housing box is constructed of malleable iron with all arcing devices contained within an explosion proof labyrinth switch for the highest protection possible.
LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.
LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.
Wiring/Mounting: The EPCS-SW1-PLG-V2 comes in a dead-end or feed-through configuration and is offered with the following hub size options: 1/2", 3/4" or 1". Two external mounting lugs provide simple and secure mounting of the unit to walls and flat surfaces.
Suggested Applications: Manufacturing, Industrial, Warehouse, Lighting, Lighting, Wet areas or Locations Where Combustible Dust is Present.
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




MISTER

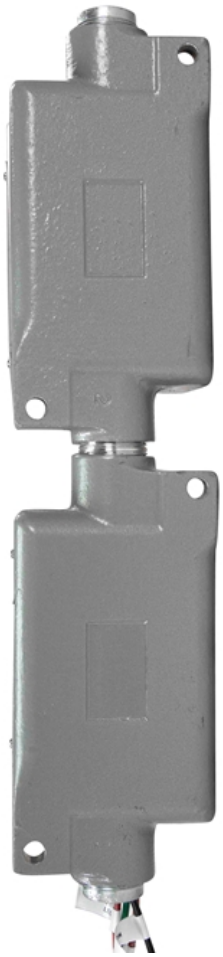
Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

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



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



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

EPCS-SW1-PLG-V2

Product ID: 221515

Export Control Classification Number (ECCN): EAR99

Options:

EPCS-SW1-PLG-V2-Hub Config-Termination

Example: EPCS-SW1-PLG-V2-0.5IN-DE

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

Termination	
DEAD END	-DE
FEED THROUGH	-FT

Links (Click on the below items to view):

- Operations Manual
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map