

SWAM-SBDL-36-EXPSW

Explosion Proof Switch w/ 36" Switchblade Arm - C1D1&2 and C2D1&2 - Adjustable Swing Arm

Product ID: 147461

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.

1SWAM-SBDL-36-EXPSW Explosion Proof Tumbler Switch w/ Switchblade Arm

1#000000Switch Voltage Rating: 120-277 VAC

1#000000Switch Current Rating: 20 Amps- 1 HP @ 120V AC & 2 HP @ 240V AC

1Grounding: 1Single Internal Housing Ground Screw

1Configuration: 1Feed Through, Front Switch

1Hub Qty: 1(2) Feed Through or (1) Dead End

1Hub Size:) 1Feed Through or (1) Dead End

1Unit Materials:1 Box/Receptacle- Malleable Iron, Sealing Chamber-Aluminum

1Finish: 1Triple-coat—Zinc Electroplate, Chromate, Epoxy powder coat

1Insulation: 1Integral Bushings in Conductor Openings

141Mounting: 1Adjustable Swing Arm w/ Surface Mount Bracket

141Unit Dimensions: 13.00"W X 4.69"D X 6.13"L, Swing Arm: 36"L

1#000000Switch Type: Single Pole

1Approvals/Ratings

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

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

1Class III

1NEMA 4

1NEMA 7 Groups C & D

1NEMA 9 Groups E, F, G

1Special Orders - Special Requirements

1Contact us for special requirements

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The SWAM-SBDL-36-EXPSW from Larson Electronics is an Explosion Proof Feed Through Tumbler Switch w/ Switchblade Arm that is UL Listed Class I Divisions 1 & 2 and Class II Divisions 1 & 2 and provides a safe and secure method for operators to interrupt power before connecting and disconnecting portable or stationary electrical devices and equipment in hazardous locations as well as allowing for the mounting of lighting fixtures and other equipment on a convenient and versatile 36" swing arm.

2This explosion proof tumbler switch with switchblade arm is ideal for operators seeking a high quality explosion proof switch rated for use in hazardous areas designated Class I Divisions 1 & 2 and Class II Divisions 1 & 2 as well as a versatile mounting system for light fixtures and other equipment. This

explosion proof switch is rated at 20 amps-120-277V AC and 1 HP at 120V AC and 2 HP at 240V AC. The entire switch unit is constructed of malleable iron and contains an internal sealing chamber constructed of copper free aluminum. The switch on this unit is located near the mounting plate of the included 36" swing arm that is easily wall mounted via integral mounting tabs at two corners of the housing and provides two 1/2" hub openings located on the top and the bottom of the housing for running electrical conductors in a feed through configuration. A bushing seal at each conductor opening prevents damage to wiring insulation.

This unit is rated to handle electrical loads of 120-277V AC up to 20 amps and is suitable for use in environments where combustible dusts and particulates may be present.

The SWAM-SBDL-36-EXPSW features an adjustable two-part swing arm constructed of light weight aluminum. The two piece arm design provides two pivot points, one at the mounting bracket and one in the center of the swing arm. The aluminum swing arm swings 170° from the mounting bracket point and 340° from the center pivot point, while a mounted light head is vertically adjustable up to 270°, providing full adjustability. This switch blade swing arm measures 36" long and can be mounted with the operator provided light head oriented on the top side or bottom side of the arm, allowing operators to illuminate objects in any location. This swing arm is ideal also for mounting the unit to loading door areas and docks for use as a loading bay or dock light.

The SWAM-SBDL-36-EXPSW 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. This design does not require external sealing fittings. Each 1/2" hub opening is fitted with an integral bushing to prevent fraying or damage to insulation. Two external mounting lugs provide simple and secure mounting of the unit to walls and flat surfaces. The unit box, switch, and face plate are all included with the product.

1/2" NPT tapped conduit openings are provided on the top and bottom of the unit in feed through versions while dead end versions have a single conduit hub, providing easy and secure connection to main power line supplies.

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 [2sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

Frequently Asked Questions (FAQ)

SWAM-SBDL-36-EXPSW

Product ID: 147461

Export Control Classification Number (ECCN): EAR99

Options:

SWAM-SBDL-36-EXPSW-Hub Config-Termination-Way

Example: SWAM-SBDL-36-EXPSW-0.5IN-FT-1P

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

Termination	
FEED-THRU	-FT
DEAD-END	-DE

Way	
SINGLE POLE	-1P
DUAL POLE	-2P
3-WAY	-3W

Links (Click on the below items to view):

- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)