

EPL-AEC-3-GL-BP-1X0.75S

Explosion Proof Instrument Enclosure w/ Back Plate - 3" Lens - Class I, II, III Div 1 & 2 - ATEX/IEC

Product ID: 222215

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.

EPL-AEC-3-GL-BP-1X0.75S Explosion Proof Device Box Instrument Enclosure
- Class I, II, III Div 1 & 2

Device Type: Explosion Proof Instrument Enclosure

External Dimensions: 6.63" x 5.5" x 5.25"

Internal Dimensions: 4.63" x 5.75" x 3.28"

Internal Volume: 105 cu. in.

Lens Opening: 3"

Weight: -

Material: Copper-free Aluminum

Enclosure Finish: Electrostatically Applied Powder Epoxy/Polyester Finish

Lens Material: Tempered Soda Lime Glass

Mounting: Surface

Design: Single Box w/ Lens Cover

Total Hub Quantity: 1

North Side Hubs: 0

South Side Hubs: (1) 3/4" NPT

East Side Hubs: 0

West Side Hubs: 0

Bottom (Back/Base) Hubs: 0

Maximum Conduit Size: 2"

Ratings/Approvals

Listed for United States, Canada, Europe, Asia

Class I, Div. 1 & 2, Groups B, C, D

Class I, Zones 1 & 2, Groups IIB+H2, IIA

Class II, Div. 1 & 2, Groups E, F, G

Class III, Div. 1 & 2

NEMA Type 3, 4, 4X, 7 (B,C,D), 9 (E,F,G)

ATEX/IEC Ex

Ex d IIC T6 or T5

Ex tD A21 IP66 T80°C or T90°C IP66

Ta = -20°C to +60°C

Internal Aluminum Mounting Plate

See Drawing for Hub Placements

Special Orders - Special Requirements

Contact us for special requirements

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The EPL-AEC-3-GL-BP-1X0.75S from Larson Electronics is an Explosion Proof Device Box Instrument Enclosure that houses compact instruments or devices used in hazardous locations, confined spaces and industrial facilities. This unit contains a 3" lens opening and is constructed of copper-free aluminum. The explosion proof enclosure may be used to comply with domestic and international code requirements, while providing protection for operators and nearby workers. The EPL-AEC-3-GL-BP-1X0.75S is equipped with an internal aluminum mounting plate for operators to mount their equipment to as well as a single 3/4" NPT threaded hub on the South side of the enclosure.

The EPL-AEC-3-GL-BP-1X0.75S offers protection from explosive hazards and ignitions, dust, harsh weather and rough treatment (tampering). This unit is equipped with a 3" lens opening and 105 cubic inches of volume. Constructed of copper-free aluminum, the ATEX/IECEX-rated enclosure is protected by a tempered soda lime glass lens. Cast mounting lugs are available for mounting. The explosion proof device box is compatible with conduit sizes up to 2". This unit is rated NEMA Type 3, 4, 4X, 7 (B,C,D) and 9 (E,F,G) and designed to withstand the rigors of demanding environmental and operating conditions while remaining robust and easy to use.

Applications: Flow measurement devices, temperature monitors, two-wire transmitters, gas detectors, Ph analyzers, pressure gauges, level detectors, H2S monitors, transducers, pressure switches and other compact industrial instruments/devices.

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)









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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [ATEX Certificate \(European Explosion Proof\)](#)
- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Certificate 2, Misc](#)
- [Certificate 3, Misc](#)
- [Dimensional Drawing 2D](#)
- [IEC Ex Certificate \(International Explosion Proof\)](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)