

Explosion Proof 3-Way Junction Box - C1D1 - ATEX/IECEX Rated - (2) Hubs

EPL-AEC-5.375-1X0.75S-1X2B

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



EPL-AEC-5.375-1X0.75S-1X2B Explosion Proof Device Box Instrument Enclosure - Class I, II, III Div 1 & 2

Listing: NRTL Listed for United States and Canada; ATEX/IECEX Rated

Device Type: Explosion Proof Instrument Enclosure

External Dimensions: 9.13" x 9.63" x 7.18"

Internal Dimensions: 7.06" x 8.31" x 4.13"

Lens Opening: 5.38"

Internal Volume: 305 cu. in.

Weight: 60 lbs.

Material: Copper-free Aluminum

Enclosure Finish: Electrostatically Applied Powder Epoxy/Polyester Finish

Design: Single Box

Hubs: (1) 3/4" NPT @ South Side, (1) 2" NPT @ Bottom (Back) Side

Ratings/Approvals

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

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

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

Class III, Divisions 1 & 2

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

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

Special Orders- Requirements

Contact us for special requirements

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The EPL-AEC-5.375-1X0.75S-1X2B 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. 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-5.375-1X0.75S-1X2B offers protection from explosive hazards and ignitions, dust, harsh weather and rough treatment (tampering). This unit is equipped with a 5.38" opening and 305 cubic inches of volume. The ATEX/IECEX-rated enclosure is constructed of copper-free aluminum. 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.

Hubs: The EPL-AEC-5.375-1X0.75S-1X2B contains one 3/4" NPT hub at the south side and one 2" NPT hub at the bottom (back) side of the unit. Cast mounting lugs are available for mounting.

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)









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 \(Material Safety Data Sheet\)](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)