

EPL-AEB-12.12.8-BP-4X0.75S

Explosion Proof Enclosure - C1D1 - 12"x12"x8" Internal Dims - (4) 3/4" NPT Hubs - Backplate

Product ID: 222551

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-AEB-12.12.8-BP-4X0.75S Explosion Proof Enclosure

External Dimensions: 16.38" x 10.69" x 16.38"

Internal Dimensions: 12"-L x 12"-W x 8"-H

Internal Mounting Pan Dimensions: 11"L x 11"W x 1/8"H

Available Dimensions for Devices: 11.37" x 11.37" x 8"

Weight: 83 lbs

Maximum Conduit Size: 5"

Maximum Operators on Lid: 4 Rows of 4 = 16

Mounting Leg Height: 0.25"

Mounting Dimensions (Horizontal): 14.94"

Mounting Dimensions (Horizontal): 6.94"

Mounting Dimensions (Vertical): 6.94"

Mounting Dimensions (Vertical): 14.94"

Cover Type: Bolted

Enclosure Material: Copper-free Aluminum

Mounting: Surface Mount

Internal Backplate: Yes; Aluminum

Internal Backplate Taps: (4) 3/8" NPT @ Four Corners

Hinges: N/A

Total Hubs: 4

Hub Size: (4) 3/4" NPT

Hub Location: (4) 3/4" NPT @ South Side - 2 Rows of 2

Color: Grey

Ratings

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

NEMA 3, 4, 4X

CENELEC/ATEX/IEC Ex

Ex d IIB + H2 T5 or T6

Ex tD A21 IP66

Tamb = + 60°C

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Shipping Dimensions: 48"-L x 48"-W x 24.38"-H

Fax: 1-903-498-3364

Shipping Weight: 138 lbs

E-mail: sales@larsonelectronics.com

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

The Larson Electronics EPL-AEB-12.12.8-BP-4X0.75S Explosion Proof Enclosure provides operators with a Class I and II, Divisions 1 and 2 copper-free aluminum enclosure designed to hold electrical equipment up to 12" by 12" by 8" in size. Equipped with an internal backplate/mounting pan, this NEMA 4X rated explosion proof device is ideal for indoor or outdoor applications where flammable vapors, gases, or dusts exist or stand the potential to exist.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO EXPLOSION PROOF ENCLOSURES

The EPL-AEB-12.12.8-BP-4X0.75S explosion proof enclosure is made of copper-free aluminum and includes a watertight gasket for a NEMA 4X protection rating. The internal cavity of this flameproof enclosure measures 12" in length by 12" in width by 8" in height. This unit caters to a maximum of 16 operators on the lid (4 rows of 4 = 16) and a maximum conduit size of 5". Equipped with a bolted cover, the grey explosion proof enclosure is compatible with surface-mount applications. An included internal backplate/mounting pan can be found inside the enclosure. The aluminum component measures 11" x 11" x 1/8" and contains a total of four 3/8" NPT taps. The taps are located at each corner of the internal mounting pan. This explosion proof device is designed for 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) and Class III rated combustible sites. The NEMA 4X rating makes the unit suitable for both indoor and outdoor applications, as well as ensures protection from water, dust, moisture, dirt and external ice formation.

Hubs: The EPL-AEB-12.12.8-BP-4X0.75S contains a total of four 3/4" NPT hubs. All four 3/4" NPT hubs are located on the south side of the explosion proof enclosure in a 2-row, 2-hub configuration.

Suggested Applications: Manufacturing, Industrial, Warehouse, Lighting Systems, Oil and Gas, Marine Sites, Textile, Food Processing, Chemical Storage, Wet areas or Locations Where Combustible Dust is Present.

At Larson Electronics, we can build enclosures to your specifications. 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. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com.

Frequently Asked Questions (FAQ)











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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [ASTM Certificate 2](#)
- [ATEX Certificate \(European Explosion Proof\)](#)
- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [Catalog Page - Product Series](#)
- [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](#)
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