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

EPL-AEB-8.12.6

Explosion Proof Enclosure, C1D1, 8" x 12" x 6" Internal Dims, Surface Mount, N3R

Product ID: 105680

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-8.12.6 Explosion Proof Enclosure

Listing: United States, Canada
Internal Dimensions: 12" (305mm) L x 8" (203mm) H x 6" (152mm) D
External Dimensions: 13.25" (336.55mm) L x 17.25" (438.15mm) H x 8.70" (220.98mm) D
Pan Dimensions:7" (177.8mm)L x 11" (279.4mm)W
Available Dimensions for Devices: 8" (203.2mm) L x 12" (304.8mm) H x 6.38" (161.54mm) D
Weight: 47 lb (21.34 kg)
Maximum Conduit Size: 3" NPT
Maximum Operators on Lid: 12 (4 rows of 3)
Total Hub Quantity: 0
Lid (Top) Hubs: 0
North Side Hubs: 0
South Side Hubs: 0
East Side Hubs: 0
West Side Hubs: 0
Bottom (Back/Base) Hubs: 0
Conduit: Operator Provided
Operating Window: N/A
Hinges Included: No
Hinges Material: N/A
Internal Mounting Pan Included: N/A
Internal Mounting Pan Taps: N/A
Internal Mounting Pan Material: N/A
Internal Mounting Pan Dimensions: N/A
Internal Grounding Lug: N/A

Features/Ratings

Listed for NEC and CEC
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
NEMA 3R, 4, 7, 9
UL 886 Certified
UL 698 Certified
UL 1203 Certified
CSA C22.2 No 30 Certified

**Conduit seals required within 18" for Group B applications

Replacement Internal Mounting Pan: %PAN%

Breather Plug: N/A
Drain Plug: N/A
Suggested Operator Series: Long Length
Ambient Operating Temp Range: -30Â° C to +85Â°C
Operating Temp Rating: T5/T6 Rated
Enclosure Material: Copper Free Cast Aluminum (less than 4/10 of 1%)
Hardware Material: Zinc Plated Steel
Enclosure Finish: Aluminum Lacquer Paint; Custom Available
Mounting: Surface Mount Legs
Mounting Leg Height: 0.25"
Mounting Dimensions Height: 7.82" (198.63mm) Center to Center
Mounting Dimensions Width: 10.38" (263.65mm) Center to Center
Shipping Weight: 107 lb
Shipping Dimensions: 48"L x 48"W x 21"H
All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

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

Made in the USA

The Larson Electronics EPL-AEB-8.12.6 explosion proof enclosure provides operators with a Class 1 and 2, Division 1 and 2 cast aluminum enclosure designed to hold electrical equipment up to 8" by 12" by 6" in size. This explosion proof enclosure 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-8.12.6 explosion proof enclosure is made of cast aluminum, is equipped with stainless steel hinge and bolts, and includes a watertight gasket for a NEMA 4X protection rating. The internal cavity of this flameproof enclosure measures 8" in length by 12" in width by 6" in height. A removable backplate for easy mounting of equipment outside of the enclosure can be provided at an additional cost.

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

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Frequently Asked Questions (FAQ)









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Product ID: 105680

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)
- SpecSheetFarsi
- SpecSheetRussian
- SpecSheetSpanish
- STEP File (3D CAD Model)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map