

EPRB-ALU-0.75-0.5

Explosion Proof Conduit Reducer Bushing, 3/4" NPT to 1/2" NPT, Aluminum, C1D1, Rigid/IMC Adaptor

Product ID: 263883



Image: EPRB-ALU-0.75-0.5

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.

EPRB-ALU-0.75-0.5 Explosion Proof Reducer Bushing

Type: Explosion Proof Conduit Reducer Bushing

Dimensions: 1.5"L x 1.5" W(OD) x 1.25" H

Hub Size: 3/4" NPT Male to 1/2" NPT Female

Configuration: Male to Female

Material: Aluminum, Copper Free (less than 4/10 of 1%)

Finish: Natural

Color: Silver

Weight: < 1 lb

Ratings

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

Class I, Zones 1 & 2, Groups IIC, IIB, & IIA

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

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The EPRB-ALU-0.75-0.5 from Larson Electronics is an Explosion Proof Conduit Reducer Bushing that is rated for use in Class I, Divisions 1 & 2, Groups A, B, C, & D and Class II, Divisions 1 & 2, Groups E, F, & G hazardous locations. This male to female NPT threaded reducer bushing can be used to reduce the size of a tapped hole or hub.

Features: The EPRB-ALU-0.75-0.5 is constructed from copper free aluminum. This explosion proof reducer bushing reduces a 3/4" NPT threaded hole or hub down to a 1/2" NPT threaded hole or hub. The EPRB-ALU-0.75-0.5 is silver in color and features a natural finish. This explosion proof conduit reducer bushing is designed to be used with rigid pipe or IMC conduit. The machined smooth finish interior bushing protects conductors as they are fed through this adaptor. The EPRB-ALU-0.75-0.5 is suitable for use in hazardous locations.



Applications: To reduce the trade size NPT of a taped hole or hub. Situations that require an existing tapped hole or hub to be reduced to a smaller size for conduit runs, or attaching a smaller NPT device to an existing larger NPT hub.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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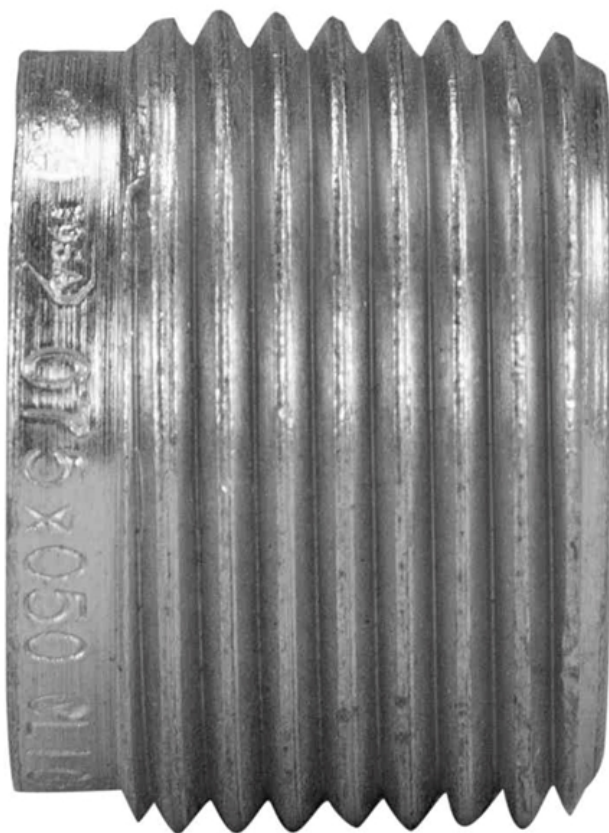




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Material Safety Data Sheet

To Whom It May Concern,

The Larson Electronics LLC EPRB-ALU industrial line of conduit reducers for hazardous locations are considered “ARTICLES” under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS). This document does not expire.

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

- i. Which is formed to a specific shape or design during manufacture;
- ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
- iii. Which under normal conditions does not release more than very small quantities.

The “hazardous location” and “explosion proof” are terminology for the environment where these products will be installed. This is not to be confused with “hazardous materials;” this product does not contain any hazardous materials.

Regards,

Ray Smith
Larson Electronics, LLC.



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPRB-ALU Series
Description: Explosion Proof Conduit Reducers

Evaluated Listings:

CE: DIRECTIVE 2014/35/EU - LOW VOLTAGE DIRECTIVE
CE: DIRECTIVE 2014/30/EU - EMC DIRECTIVE
CE: Regulation (EC) No 1907/2006 - REACH REGULATION
CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

The EPRB-ALU series complies with the essential protection requirements of the European Parliament of the Council Directive for Low Voltage Directive, EMC Directive, REACH Regulation, and RoHS Directive. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPRB-ALU Series
Description: Explosion Proof Conduit Reducers

Evaluated Listings:

CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPRB-ALU Series
Description: Explosion Proof Conduit Reducers

Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union ("EU") Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances ("REACH").

REACH does not apply to manufactured products which are referred to as "completed articles". Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager



Frequently Asked Questions (FAQ)

There are no Faqs