

EPD-DB-1G-D

Explosion Proof Receptacle Box - Deep Box

Product ID: 148813

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.

EPD-DB-1G-D Explosion Proof Device Box

Dimensions: 5-1/4"L x 3-5/8"W x 3-5/16"D

Weight: -

Materials: Copper-free Aluminum Alloy

Mounting: Surface Mount

Hub Sizes: 1/2" or 3/4" NPT

Mounting Tabs: 2

Mounting Tab Locations: One on Both Top and Bottom

Features/Ratings

Class I Division 1 & 2 Groups C & D
Class I Zones 1 & 2 Groups IIB & IIA
Class II Division 1 & 2 Groups E, F & G
Class III, Divisions 1 & 2
NEMA 7 (C, D) 9 (E, F, G)

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics EPD-DB-1G-D is an explosion proof device box that provides explosion proof protection for devices used in hazardous locations. This explosion proof box is Class I, Divisions 1 & 2, Groups C, D, Class I Zones 1 & 2, Groups IIB & IIA, Class II, Divisions 1 & 2 Groups E, F & G and Class III Divisions 1 & 2 rated for hazardous locations. The EPD-DB-1G-D explosion proof device box offers protection from explosive hazards and is suitable for use in environments where combustible dusts and particulates may be present. The entire box is constructed of durable copper-free aluminum alloy and can be easily mounted via the surface mounting tabs found at two corners of the box. Operators can choose between multiple hub sizes:

1/2", 3/4", 1", or 1.5" and either a feed through or dead end configuration.

A ground flange mates the cover to the device box for a tight seal. An internal ground screw provides operators a way to attach any grounding wire to the box for protection against electrical charges.

Applications: Petroleum refineries, chemical and petrochemical plants, storage areas, and other processing facilities where hazardous substances are handled or stored.

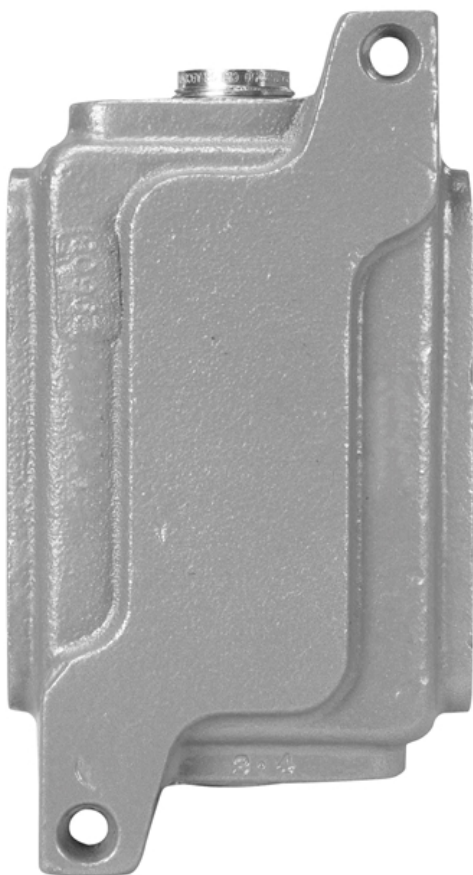
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Frequently Asked Questions (FAQ)









EPD-DB-1G-D

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Export Control Classification Number (ECCN): EAR99

Options:

EPD-DB-1G-D-Termination-Hub Config

Example: EPD-DB-1G-D-FT-0.5IN

Termination	
FEED THRU	-FT
DEAD END	-DE

Hub Config	
1/2 INCH	-0.5IN
3/4 INCH	-0.75IN
1 INCH	-1IN
1.5 INCH	-1.5IN

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)