

Aluminum Alloy Explosion-proof Junction Box Manufacturer



Article Overview

Leading manufacturers of aluminum alloy explosion-proof junction boxes include Pepperl+Fuchs, ACC, Cortem, R. STAHL, and EX Industries, offering certified, durable solutions for hazardous environments.

Key Manufacturers and Their Offerings

1. Pepperl+Fuchs Pepperl+Fuchs provides terminal and junction boxes designed for explosion-hazardous areas, with enclosures made from copper-free aluminum and stainless steel. Their products comply with international standards such as IECEx, ATEX, and NEC, and are available in multiple protection types including Ex d, Ex tb, Ex eb, and Ex ia. The boxes are highly customizable with various terminal, cable entry, and cable gland configurations, suitable for both small intrinsically safe signals and complex power distribution networks . 2. ACC (Industrial Aluminum Enclosures) ACC specializes in cast aluminum explosion-proof enclosures with IK10 impact resistance, chemical resistance, and vibration-proof design. They operate advanced die-casting units and provide end-to-end production management, including mold design, assembly, and international logistics. Their enclosures are ideal for oil rigs, chemical plants, automotive assembly lines, and food processing facilities, offering long-term durability and ISO 9001/14001 certification . 3. Cortem S.p.A. Cortem's EJB series aluminum junction boxes are suitable for Zone 1, 2, 21, and 22 hazardous areas. They feature low copper content aluminum alloy bodies, stainless steel bolts, silicon gaskets, and RAL 7035 polyester coating. These boxes can house terminals, busbars, transformers, and control boards, and are certified for II 2GD Ex db IIB+H2...

Article Content

Jul 05, 2026

Explosion Proof Junction Box Types, Prices

Learn about explosion proof junction boxes—pricing, sizes, certifications, and installation

Nov 26, 2025

Explosion Proof Junction Box | Get Instant Quote

These junction boxes are made from aluminum alloy and are rated as explosion-proof (Exd). This rating

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Ex d Enclosure Series

ROSE supplies in its Ex d range both stainless-steel and aluminium enclosures. Customised modifications and/or surface finishes –

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Junction Box Aluminium (Ex d) EJB-A

EJB A series Ex d enclosures are normally used in the chemical and petrochemical plants, offshore platforms, refineries and any

Mar 18, 2026

Industrial Junction Box & Explosion Proof Aluminum

ACC is an ISO-certified leader in industrial junction boxes and explosion proof aluminum enclosures. We

May 18, 2026

100x100x60mm Aluminum Alloy Metal Waterproof Junction Box

And it is waterproof, weatherproof and anti-explosion to keep raindrops, splash, dust, oil, snow etc. i³/₄WIDELY

Aug 14, 2025

Explosion Proof Junction Box Enclosure

Explosion Proof or Ex-proof Junction Box Enclosure which are certified to UL, CSA Class I Div 1 and 2,

May 18, 2026

Explosion Proof 4 Way Junction Box Manufacturers

Explosion Proof 4 Way Junction Box Manufacturers & Exporters In India Technical Specification Type of Ex

Apr 18, 2026

Explosion Proof Junction Box

Ex e junction box, the whole name increased safety explosion proof junction box, is normally made of aluminum alloy (SJB-A-e

Jul 17, 2026

Alloy Industry Explosion Proof Electrical Equipment

Alloy Industry Co., Ltd. has continuously engaged in manufacturing and exporting business both domestically and internationally.

Mar 09, 2026

Gulf Trans Power

Gulf Trans Power Company distributes explosion proof JB, Ex rated junction box, aluminium enclosures, control station box etc. in

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Enclosures and Junctions Boxes

Appleton™ and O-Z/Gedney™ Enclosures and Junction Boxes A complete line of hazardous location, increased safety, flameproof

Nov 17, 2025

Junction Box with Terminals, JBE1 Series

Application The JBE1 junction boxes are designed for tap, splice or connecting of conductors for control, instrument or power circuit.

May 11, 2026

Cast aluminium Ex d junction and terminal boxes

They are made from a copper-free cast aluminium alloy, which makes them incredibly resistant to damage from seawater. R.

Sep 27, 2025

Explosion Proof Enclosures

Ex-Proof & Flameproof Junction Boxes & Enclosures Supermec ATEX Junction Box & Enclosures are designed to satisfy most of our

Dec 30, 2025

Akron Electric, Inc.

Akron Electric manufactures a complete line of aluminum Explosion-Proof Enclosures that include: • JUNCTION BOXES (AXJ) •

Oct 20, 2025

Products

EJB series junction boxes are suitable for installation in any areas of a plant where there is a risk of explosion and/or classified as

Nov 17, 2025

Cast aluminium Ex d junction and terminal boxes

Our terminal boxes are available with three, four or five hubs and with a choice of three different enclosure sizes. All enclosures are

Aug 24, 2025

Explosion Proof Junction Box, IP66, Flameproof, 220/380V

Factory price explosion-proof junction box features an IP66 protection rating and a flameproof design (Exd). Rated for 220V/380V, it

Mar 06, 2026

Explosion-proof junction box, Explosion-proof terminal

Find your explosion-proof junction box easily amongst the 40 products from the leading brands (STAHL,

May 06, 2026

Explosion-proof junction Boxes | Cortem S.p.A.

Explosion-protected junction boxes The explosion-protected junction and pulling boxes, available in

Aug 31, 2025

European Explosion-Proof Enclosures | EX Industries

EJB Series Aluminium Junction Box – Explosion-Proof (IIB+H2) Designed for use in hazardous

Sep 19, 2025

LTJB-IIC-RM explosion-proof aluminium junction boxes

The box body is made of die-cast aluminum alloy without copper impurities. The box consists of a body and a cover, forming an

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Aluminum Metal Waterproof Junction Box, Universal Pre-drilled ...

Product Description Product description: Laisomeke 63*58*35mm Aluminum alloy metal waterproof junction box, universal Industrial

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Ex Proof Junction Box in Saudi | Ex Proof Junction Box Dammam

Ex Proof Junction Box in Saudi Arabia at Nassguard. We supply ATEX-certified aluminum, stainless steel, and GRP enclosures in

Jan 05, 2026

Terminal and Junction Boxes (Ex d) | Explosion Protection

Various sizes and design variants of copper-free, corrosion-resistant aluminum enclosures build the basis for the highly durable EJB

Jun 23, 2026

Terminal Box | Ex d | EJB Series

The enclosures are certified Ex d IIB+H2 and Ex tb as well as "explosion-proof". They are available in many sizes, a wide range of

Feb 06, 2026

Terminal and Junction Boxes (Ex d) | Explosion Protection

Constructed from corrosion-resistant, copper-free aluminum, the GUB series terminal boxes and junction boxes are available in a

Feb 05, 2026

Ex Junction Boxes and Atex Enclosures · Atex Delvalle

Our Atex Delvalle"s Ex junction boxes and large enclosures are flameproof and prepared for use them in explosive atmospheres

Jul 23, 2026

Control Box/ Junction Box with terminals, DCT1DE/JBE3B series

Application DCT1DE control boxes consist of an Ex d enclosure in aluminium alloy, and JBE3B Ex e enclosure in stainless steel are

Jun 18, 2026

Terminal and Junction Boxes | Explosion Protection

Terminal boxes and junction boxes from Pepperl+Fuchs are designed to protect signal and power distribution networks in explosion

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ATEX Aluminium Junction Boxes | Raychem RPG Ex

Lightweight ATEX aluminium boxes from Raychem RPG. For Zone 1 hazardous areas in petrochemical

Sep 27, 2025

Explosion Proof Electrical Enclosures Factory/Manufacturers,

Ex d enclosure, also name flameproof enclosure and FLP enclosure, consist of aluminum alloy housing designed with flame path for

Jul 08, 2026

Terminal boxes | Junction boxes | Ex | Ex e | Ex d | ATEX | Explosion ...

We offer bespoke, custom-made terminal boxes and terminal box combinations, as well as standard products with short delivery

Contact Us

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