

Price quote for Swiss cast aluminum explosion-proof distribution boxes



Overview

Leading manufacturer of cast iron and cast aluminum electrical junction boxes, enclosures, housings, and cabinets for industrial and commercial use.

Key Takeaways

Explosion-proof Swiss cast aluminum distribution boxes typically range from \$300 to over \$1,500 per unit, depending on size, certification, and customization.

Pricing Overview

The cost of explosion-proof distribution boxes varies widely based on material, size, certification, and features. Swiss-made cast aluminum enclosures are generally mid-to-high range due to their durability, corrosion resistance, and compliance with international standards such as ATEX, IECEx, and UL 1203. Compact junction boxes or small terminal enclosures may start around \$300-\$500, while larger, fully customized distribution boxes with multiple control elements can exceed \$1,500 per unit.

Factors Affecting Price

Material: Cast aluminum offers excellent corrosion resistance and mechanical strength, making it more expensive than standard steel or polycarbonate enclosures. **Certification:** ATEX, IECEx, and UL certifications for hazardous areas increase cost due to testing and compliance requirements. **Size and Configuration:** Larger enclosures or those with multiple compartments, push buttons, or integrated meters are priced higher.

Customization: Swiss manufacturers often provide custom designs, including specific mounting options, key locks, or internal layouts, which can significantly affect pricing.
Quantity: Bulk orders may reduce per-unit cost, especially for standardized models.

Supplier Examples

Atex Delvalle produces custom explosion-proof distribution boxes in stainless steel and aluminum, suitable for Zone 1, 2, 21, and 22 hazardous areas, with pricing dependent on configuration and certification. Extol International offers aluminum and cast iron explosion-proof panels with Ex d / Ex'de protection, with prices varying by size and material. Intrinsically Safe Store provides a reference for typical price ranges, highlighting that compact aluminum enclosures are more affordable, while large, reinforced units for high-risk environments are significantly more expensive.

Recommendations

For accurate pricing, it is advisable to contact suppliers directly with your specifications, including: Required size and number of circuits
Material preference (cast aluminum)
Certification requirements (ATEX, IECEx, UL)
Quantity and potential for bulk discounts
Customization needs such as key locks, push buttons, or internal layout
This approach ensures you receive a precise quote tailored to your project requirements while considering lead times and shipping options.

Article Content

Explosion-Proof Enclosures: Pricing, Sizes & Lead Times

Explore explosion-proof enclosure price ranges, materials, sizes, and lead times. Compare steel, aluminum, and polycarbonate hazardous-area

Swiss Made Explosion Proof Distribution Box Buyers & Importers ...

Sell Swiss Made Explosion Proof Distribution Box in bulk to verified buyers and importers. Connect with businesses actively looking to buy wholesale Swiss Made Explosion Proof Distribution Box at best

Hope Electrical Products Co., Inc.

Leading manufacturer of cast iron and cast aluminum electrical junction boxes, enclosures, housings, and cabinets for industrial and commercial use.

DISTRIBUTION BOARDS

These are available in a range of materials including Stainless Steel, GRP & Sheet Steel from IP42 (Indoor) to IP 66 (Outdoor) Applications.

Explosion Proof Terminal Boxes Manufacturer & Supplier | For

Warom Explosion Proof Terminal Boxes Manufacturer & Supplier offers high-strength terminal boxes for hazardous area cabling and management. Get a quote today!

ATEX Series Explosion Proof Enclosure (Perfect for

The ATEX series explosion proof enclosure is designed for intermittent explosive environments. Purchase a highly durable explosion proof enclosure, today!

Explosion Proof Junction Box Types, Prices

Learn about explosion proof junction boxes—pricing, sizes, certifications, and installation tips for electricians and engineers. Shop certified

Explosion-Proof Enclosures

Killark EXB-10146 N34 EXB Series, 10 X 14 X 6, Class I, II, III, BCDEFG, Cast Aluminum, Type 4, Bolted Enclosure

Explosion-proof Distribution Box

China Explosion-proof Distribution Box catalog of Exd Explosion Prevention Exe Aluminum Alloy Junction Box Explosion-Proof Threading Straight Box Ex Seal Wire Box, Explosion-Proof Type a

Terminal and Junction Boxes (Ex d) | Explosion Protection

EJB Series: Terminal and Junction Boxes (Ex d and Ex tb) in Aluminum Installation in Zone 1, Zone 2, Zone 21, Zone 22 and Class I, Class II, Division 1. Suitable for Gas Group IIB+H2.

Explosion-Proof Distribution Boxes & Panels Manufacturer

The explosion-proof distribution box safely delivers power in hazardous zones (oil, gas, chemical plants) with rugged, spark-resistant casing—ATEX/IECEX, IP66 certified for reliable operation in explosive

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 other industry where hazardous atmospheres (gas and combustible

Global Explosion-Proof Distribution Box Market Size, Growth Trends ...

As global safety standards become more harmonized, cross-border trade in explosion-proof electrical equipment will accelerate, fostering a more integrated and competitive marketplace.

Ex Enclosure Systems

For electrical distribution in potentially explosive atmospheres, ROSE Ex enclosures made of aluminum, polyester and stainless steel, as well as Control Stations, offer safe protection. The range of

What Is the Impact on the Price of Explosion-Proof Distribution Boxes

Aluminum alloy components are increasingly used, and explosion-proof equipment made from cast aluminum alloy materials is highly favored in the industry. These are the factors that

ATEX Series Explosion Proof Enclosure (Perfect for Electronics!)

The ATX Series of ATEX-certified explosion-proof enclosures is a high-quality solution for environments that require ATEX certification. These die-cast aluminum explosion-proof boxes are designed for

China Explosion Proof Box, Explosion Proof Box Wholesale,

The Explosion Proof Box is a key item within our extensive Power Distribution Cabinet & Box selection. Power distribution cabinet & box price varies by specs, OEM requirements, and factory

Model And Price Of Explosion-Proof Distribution Box

Customers often ask about the types and approximate prices of explosion-proof distribution boxes. To address these inquiries, let's discuss the models and pricing of explosion-proof

Contact Us

Continue your research online:

Website: <https://artduferoger.fr>

Technical inquiry: <https://artduferoger.fr/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

