

Aluminum Alloy Junction Box Export



Overview

Aluminium Junction Boxes Export Data Global Aluminium Junction Boxes Export data is a record of global trade transactions involving Aluminium Junction Boxe.

Key Takeaways

India, China, and Italy are the top exporters of aluminum alloy junction boxes, with Germany, the UK, and Italy being the major importers. Global Export Overview

From October 2023 to September 2024, the world exported 809 shipments of aluminum junction boxes to 138 buyers, handled by 72 exporters, showing a slight decline of 14% compared to the previous year. In September 2024 alone, 78 shipments were recorded, marking a 56% year-on-year growth and a 15% sequential increase from August 2024. The leading destinations for these exports are Germany, the United Kingdom, and Italy. India leads in export volume with 9,650 shipments, followed by China with 319 shipments and Italy with 160 shipments .

Product Types and Specifications

Aluminum alloy junction boxes are widely used in industrial and hazardous environments. They are available in explosion-proof (Ex-proof) designs, suitable for areas with combustible dust, gases, or vapors. These boxes are typically made from aluminum alloy, stainless steel, or zinc alloy, offering high corrosion resistance, lightweight construction, and broad temperature tolerance (-40°C to +150°C). They are used for housing electrical connections, terminal blocks, and control devices, and are often rated IP66 for ingress protection .

Trade Data and Market Intelligence

Exporters and importers can access detailed trade data through platforms like Volza and Cybex Exim, which provide shipment records, HS codes, quantities, prices, ports of origin/destination, and verified exporter-importer details. This data helps identify new buyers, profitable markets, and competitive trends, enabling informed decisions for international trade .

Applications and Industries

Aluminum junction boxes are used in industrial automation, power transmission, railway systems, chemical plants, and hazardous zones. Explosion-proof variants are critical in process industries, gas manufacturing plants, and missile bases, ensuring safety and compliance with international standards .

Key Considerations for Exporters

- Focus on high-demand markets like Germany, the UK, and Italy.
- Ensure compliance with international safety and IP standards.
- Utilize trade intelligence platforms to track competitors, pricing, and shipment trends.
- Offer customized solutions such as Ex-proof or IP-rated enclosures to meet specific industrial requirements. By leveraging global trade data and understanding product specifications, exporters can optimize their aluminum alloy junction box business and expand into high-potential international markets.

Article Content

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.

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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