

Where can I buy explosion-proof electrical distribution boxes in Europe



Overview

Control Panels & Distribution Boards To provide and protect Low Voltage Power Distribution networks from harsh environmental conditions and EXPLOSION PROOF.

Key Takeaways

You can purchase ATEX and IECEx certified explosion-proof electrical distribution boxes from leading European suppliers such as Atex Delvalle, Hexlon, Extol International, Pepperl+Fuchs, and CE-TEK. Recommended Suppliers



1. Atex Delvalle Atex Delvalle specializes in custom-made stainless steel (AISI 304L & 316L) explosion-proof enclosures for hazardous areas. Their products include XXL electrical enclosures, purge and pressurized control panels, and Ex plug and socket boxes suitable for Zones 1, 2, 21, and 22. All enclosures are ATEX and IECEx certified, and the company also offers components for motors, air conditioners, and wireless infrastructure in hazardous zones . 2. Hexlon Hexlon provides durable explosion-proof distribution boxes and electrical enclosures certified for Zone 1 and Zone 2. Their products are IECEx and ATEX certified, making them suitable for industrial applications requiring high safety standards . 3. Extol International Extol International offers a wide range of control panels and distribution boards for hazardous areas. Their enclosures are available in stainless steel, aluminium, and cast iron, with Ex d / Ex'de flameproof protection for Zones 1 (21) and 2 (22). They provide options for IP42 to IP66 ratings, suitable for both indoor and outdoor applications . 4. Pepperl+Fuchs Pepperl+Fuchs manufactures Ex d (flameproof) and Ex tb (dust-protected) terminal and junction boxes. Their enclosures are made from copper-free aluminum and stainless steel, offering high corrosion resistance and impact durability. They are certified for ATEX, IECEx, and UL standards, suitable for Zones 1, 2, 21, 22, and Class I/II Division 1 hazardous areas. Modular designs allow for custom configurations with various cable gland and terminal options . 5. CE-TEK CE-TEK provides a comprehensive range of ATEX/IECEx certified junction boxes and pre-assembled enclosures for hazardous areas in industries such as oil & gas, petrochemical, pharmaceutical, and food processing. They offer custom sizes, fire-rated enclosures, and high-quality materials, with decades of experience in major European projects .

Key Considerations When Purchasing

- Certification: Ensure the enclosure is ATEX and/or IECEx certified for the specific hazardous zone.
- Material: Choose between stainless steel, aluminium, or GRP depending on environmental conditions.
- Ingress Protection (IP) Rating: Select IP ratings (e.g., IP66) for dust and water resistance.
- Customization: Some suppliers offer custom sizes, purge systems, or pre-assembled panels for specific industrial needs.
- Zone Compatibility: Verify the enclosure is suitable for your hazardous area classification (Zone 1, 2, 21, 22). These suppliers provide reliable, certified solutions for safe electrical distribution in explosive atmospheres across Europe.

Article Content

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To provide and protect Low Voltage Power Distribution networks from harsh environmental conditions and

EXPLOSION PROOF DISTRIBUTION BOXES, HAZARDOUS AREA

The Marechal B2X hazardous area and explosion proof range of distribution boxes up to 750V are equipped with Marechal CRIC

Atex Certified Junction Boxes, Terminals, Sockets & Connectors

These explosion proof junction boxes / terminal boxes, plugs, sockets & connectors are for use in explosive atmospheres in

DISTRIBUTION BOARDS

A distribution board (also known as Panel board, breaker panel, electric panel, DB board or DB box) is a

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

Control Panels & Distribution Boards

Control Panels | atex & ieceX Explosion Proof & Hazardous Area Zone 1 & Zone 2 Thorne & Derrick

CE-TEK

CE-TEK have developed over the last 30 years a comprehensive range of rugged Electrical Junction Boxes specifically for use in

Explosion Proof Power Distribution Boxes (Electromagnetic Starting ...

Flameproof and explosion proof, these power overhaul distribution boxes are suitable for use in hazardous areas. Specs: Ex mark:

Explosion-Proof Junction Boxes | Class I Div 1/2 Rated (2026)

Introduction to Explosion Proof Junction Boxes In hazardous locations where flammable gases, vapors, or dust are

Tailored explosion-proof panel boards | Cortem S.p.A.

Cortem Group's customized solutions allow you to safely distribute and control electricity in classified areas with risk of explosion.

Full Guide on Explosion-Proof Distribution Panel

Explosion-proof distribution panels are vital components in hazardous industrial environments, ensuring safety by preventing

CE92 Explosion-proof power distribution boxes

CE92 Explosion-proof power distribution boxes Category: Atex Junction Boxes

Ex Local Control Stations & Distribution Boxes

Atex control stations, explosion protected control units and distribution boxes made stainless steel maritime grade AISI 316L or AISI

ATEX enclosures

Schneider Electric UK. Browse our products and documents for ATEX enclosures - Wall-mounting steel-made enclosures, dedicated

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Explosion Proof Illumination Distribution Boxes (With Electrical ...

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How to Wire an Explosion-Proof Distribution Box and Usage Precautions

Explosion-proof electrical equipment, such as explosion-proof distribution boxes, is

Explosion-Proof Distribution Boxes & Panels Manufacturer

An explosion-proof distribution box is a rugged enclosure for hazardous areas, safely delivering power while preventing sparks or

EXB Electric - Your Hazardous Area Solution

EXB Electric Your hazardous area solution We supply explosion protected equipment and assemblies to the petrochemical, oil &

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Ex-Junction boxes and terminal enclosures ATEX

Stainless steel Ex terminal boxes of the Polish company HARDO, are available at a competitive price and workmanship quality

Ex Junction Boxes and Atex Enclosures · Atex Delvalle

Our explosion protection Ex enclosures and equipment are comprehensive and widely configurable. Reliable in use and convenient

Tailored explosion-proof panel boards | Cortem S.p.A.

Besides a Business Unit dedicated to End Users, OEMs, installers and distributors of electrical material, a Business Unit is devoted

Ex junction and terminal boxes – Explosion-Proof | mlx-ex

We offer a wide selection of Ex terminal boxes to meet the needs of different industries and applications. From stainless steel

CE92 Explosion-proof power distribution boxes

Contact our experts or request a quote today. Main switch:Maximum current is 180A. Branch

Energy Distribution

BARTEC offers one of the most extensive ranges of explosion-proof and substance-resistant components, devices, and systems for

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

