ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Manufacturer of All-Plastic Explosion-Proof Distribution Boxes



Overview

Durable Hexlon Explosion Proof Distribution Boxes and Electrical Enclosures, IECEx and ATEX certified for Zone 1 and Zone 2.

Key Takeaways

Top manufacturers of all-plastic explosion-proof distribution boxes include Rittal, CZ Electric, Hexlon, Huarong, and Pepperl+Fuchs, all offering certified, durable, and globally recognized solutions.Leading Manufacturers



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Rittal produces the AX plastic Ex enclosures, designed for hazardous zones 1, 2, 21, and 22. These enclosures are made from robust, UV-resistant, fiberglass-reinforced plastic, suitable for outdoor use in extreme conditions. They feature double-seal protection, IP65/NEMA 4X rating, and certifications including IECEx, ATEX, and UL HazLoc, ensuring compliance with international safety standards. The modular design allows flexible interior installation and easy mounting options . CZ Electric Co., Ltd offers the CZ1220 full-plastic explosion-proof terminal boxes. These enclosures are widely used in petrochemicals, aerospace, medical machinery, and food processing. They support wiring from multiple directions, allow metal cable gland selection, and carry IECEx and ATEX certifications. CZ Electric has a strong global presence, exporting to over 56 countries and participating in major industrial projects . Hexlon provides durable explosion-proof distribution boxes and electrical enclosures certified for Zone 1 and Zone 2. Their products are designed for industrial applications requiring high reliability and compliance with IECEx and ATEX standards . Huarong Technology Co., Ltd is a major global manufacturer with extensive experience in explosion-proof enclosures. They produce a wide range of plastic and metal enclosures, holding over 400 international certificates and nearly 600 patents. Huarong's products are used in offshore, nuclear, and industrial safety applications, offering high-quality, certified solutions . Pepperl+Fuchs offers terminal and junction boxes in glass fiber reinforced polyester (GRP), providing high mechanical strength, temperature resistance, and IP66/NEMA 4X protection. Their enclosures are suitable for offshore, oil and gas, and chemical industries, with full customization options and international certifications including ATEX, IECEx, and NEC .

Key Considerations

When selecting the best all-plastic explosion-proof distribution box, consider:

• Certifications: IECEx, ATEX, UL HazLoc for compliance in hazardous areas.

• Material: Fiberglass-reinforced plastic or GRP for durability, UV resistance, and chemical resistance.

• Protection Rating: IP65/NEMA 4X for dust and water ingress protection.

• Application: Ensure suitability for the specific zone (1, 2, 21, 22) and environmental conditions.

• Global Support: Availability of service, spare parts, and technical support in your region. These manufacturers are recognized for producing high-quality, reliable, and certified all-plastic explosion-proof distribution boxes suitable for demanding industrial environments.

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Article Content

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Explosion Proof Distribution Box & Electrical Enclosures

Choose our explosion-proof solutions, choose safety. Durable Hexlon Explosion Proof Distribution Boxes and Electrical Enclosures,

Illumination Distribution Boxes Manufacturer & Supplier | For ...

Order Explosion Proof Illumination Distribution Boxes from Warom Technology, a trusted manufacturer and supplier, designed for

BXM (D)8050 Explosion proof Distribution Boxes

Warom Explosion proof Distribution Boxes. Modular GRP construction fitted with a variety of optional

Custom CZ1242 Full plastic Explosion-proof control box

CZ Electric Co., Ltd was established in 1990, is a CZ1242 Full plastic Explosion-proof control box suppliers, and is headquartered in

Distribution Boxes Manufacturer | Guoguang Electric

Guoguang Factory provides high-quality galvanized distribution boxes for industrial electrical control. 20+

Custom CZ1220 Full plastic Explosion-proof Terminal

CZ Electric Co., Ltd was established in 1990, is a CZ1220 Full plastic Explosion-proof Terminal Boxes

Explosion-Proof Distribution Boxes & Panels

The explosion-proof distribution box safely delivers power in hazardous zones (oil, gas, chemical plants)

Explosion Proof Distribution Boxes Manufacturer & Supplier

Warom Explosion Proof Distribution Boxes Manufacturer & Supplier offers secure, high-performance solutions for industrial

Distribution Boxes

Inatex is pleased to announce the release of the HRT97 Series IECEx explosion-proof LED floodlight, a

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Custom CZ1290 Explosion-proof distribution boxes

CZ Electric Co., Ltd is a Custom CZ1290 Explosion-proof distribution boxes (mobile power branch

"Explosion Proof Distribution Box"

The Explosion Proof Distribution Box is a top choice in our Power Distribution Cabinet & Box collection.Wholesale price for power

Explosion Proof Equipment Malaysia | Junction Box | Cable Gland

IEP Malaysia provides explosion proof junction box, explosion proof cable gland, and other equipment to help minimize the risk of

Explosion Proof Distribution Box & Electrical Enclosures

Durable Hexlon Explosion Proof Distribution Boxes and Electrical Enclosures, IECEx and ATEX certified for Zone 1 and Zone 2.

Distribution Boxes

BXJ93 Fibre Optic Splice Box Explosion-Proof Fibre Optic Termination Solution for Hazardous Locations

Explosion Proof Enclosures | All Current

Explosion Proof & Dust Tight Enclosures Safety Switches Enclosed Circuit Breakers Non Combination Starters Combination Starters

China Explosion Proof Distribution Box Manufacturer

YXFB Explosion-Proof is a professional Explosion Proof Distribution Box manufacturer and supplier in

Distribution Boards

Bahra Electric Distribution Boards (DBs) serve as essential systems for the safe and dependable

Junction Boxes Manufacturers, Wholesale Terminal Boxes Factory

Established in 1990, CZ Electric Co., Ltd. is an experienced Explosion-proof junction box Manufacturers, headquartered in Jiaxing

Explosion Proof Plug and Socket, Junction Box Price, Cable Glands ...

We provide Explosion proof various equipment''s like plug and socket, junction box, cable glands and control panel assembly in UAE

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

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Plastic explosion-proof distribution boxes are manufactured from high-performance thermoplastics such as

DISTRIBUTION BOARDS

Extol International are the leading suppliers of Control Panels & Distribution Boards for hazardous areas and explosive atmospheres

BXM (D)8050 Explosion proof Distribution Boxes Lighting / Power

Warom Explosion proof Distribution Boxes. Modular GRP construction fitted with a variety of optional components..

Ex Enclosure Systems

For electrical distribution in potentially explosive atmospheres, ROSE Ex enclosures made of aluminum, polyester and stainless

Explosion-Proof Electrical Distribution Boxes: Applications in ...

Explosion-proof electrical distribution boxes can be categorized into three primary types: flameproof, gas-tight, and pressurized

Custom Explosion-proof Electrical Product Suppliers, Company

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Warom Explosion Proof Equipment | ATEX IECEx Explosion-proof

Warom specializes in manufacturing explosion-proof electrical equipment, with products covering explosion-proof lighting fixtures,

Custom CZ1290 Explosion-proof distribution boxes

CZ Electric Co., Ltd is a Custom CZ1290 Explosion-proof distribution boxes suppliers and company, Modular design Easy operations

Explosion-Proof Distribution Box Manufacturer, Explosion-Proof

Explosion Proof Air Conditioning, Explosion Proof Box, Explosion-Proof Distribution Box manufacturer / supplier in China, offering

Full Plastic Explosion Proof Power Overhaul Distribution Boxes CZ0594

Flameproof and explosion proof, the wiring is finished in these power overhaul distribution boxes so users are only required to

Custom CZ1290 Explosion-proof distribution boxes

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Explosion Proof Enclosures | All Current

Explosion Proof & Dust Tight Enclosures Safety Switches Enclosed Circuit Breakers Non Combination Starters Combination Starters

Atex Certified Junction Boxes, Terminals, Sockets & Connectors

CZ0594 Full plastic Explosion-proof power overhaul distribution boxes View Product

Wholesale Explosion-proof Electrical Manufacturers, Factory

CZ Electric Co., Ltd is a China explosion-proof electrical manufacturers and explosion-proof electrical factory, We specialize in

Explosion Proof Enclosures

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

Distribution box solutions for explosion-proof environments in ...

The magic of explosion-proof enclosures lies in what you don''t see – the physics and engineering principles built into

China Explosion Proof Distribution Box Manufacturer

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Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

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

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