

Mobile explosion-proof distribution boxes are portable electrical enclosures designed for hazardous areas, certified under ATEX and IECEx standards, and built to safely distribute power in extreme industrial environments.

Key Features

- Explosion-proof design:** These distribution boxes are engineered to prevent ignition of flammable gases, vapors, or dust in hazardous zones, making them suitable for Zone 1, 2, 21, and 22 applications.
- Mobility:** Many models are portable or movable, equipped with wheels or handles for easy relocation on industrial sites, allowing flexible deployment in construction, petrochemical, or offshore operations.
- Materials:** Enclosures are typically made from stainless steel (AISI 304L or 316L) or glass-reinforced polyester (GRP), providing corrosion resistance and durability in harsh climates.
- Internal configuration:** These boxes can house MCBs, motor starters, switches, push buttons, voltmeters, ammeters, and other control devices. Some models allow front-panel installation for space-saving and easy access.
- Certifications:** Most mobile explosion-proof distribution boxes carry ATEX (EU) and IECEx (international) certifications, ensuring compliance with global safety standards.
- Customization:** Many suppliers offer fully configurable solutions, including the number of circuits, socket types (16A, 32A), and internal layout to meet specific project requirements.

Applications

- Petrochemical and oil & gas facilities:** Safe power distribution in refineries, pipelines, and offshore platforms.
- Food processing and pharmaceutical plants:** Corrosion-resistant enclosures suitable for wet or humid environments.
- Military and aerospace projects:** Portable power distribution for field operations and specialized equipment.
- Construction and industrial sites:** Temporary power supply in hazardous areas with flammable gases or dust.

Advantages

- Ensures operator safety in explosive atmospheres.
- Provides flexible and portable power distribution.
- Resistant to extreme temperatures, moisture, and corrosion.
- Supports customized configurations.

Article Content

Explosion-Proof Distribution Boxes | Product Center

Explosion-proof distribution boxes are designed to safely control and distribute electrical power in hazardous environments, preventing ignition risks.

Ex-Portable Multi-Outlet Distributions and Cable Reels

Ex-Portable Multi-Outlet Distributions and Cable Reels 16 A and 32 A for Zone 1 and Zone 21 Electrical equipment, such as pumps, scales, etc. can be used flexibly in areas of Zone 1 and Zone 2 that are

Custom CZ1290 Explosion-proof distribution boxes

CZ1290 Explosion-proof distribution boxes (mobile power branch connection socket box) Prodcuts Features: Besides the present designation for the full plastic

Explosion Proof 2 WAY DISTRIBUTION BOX

Appleton - ATEX 3 WAY - 24V | 110V | 220V / 16A | 32A Explosion Proof Distribution Box ensures safe and reliable power distribution in hazardous areas. Certified for Zone 1, 2 (Gas) and Zone 21, 22

ATEX SPLITTER BOX

The Wolf ATEX Splitter Box is compact, portable and CE marked to the ATEX Directive for safe use in Zones 1 and 2 potentially explosive gas and Zones 21

Explosion-Proof Distribution Boxes & Panels

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

Ex-Proof DB - Orostar

Ex-Proof DB Zone 1 & Zone 21 certified Distribution Board (DB) ATEX and IECEx certified We have effectively designed, integrated, and delivered an Ex d certified Distribution Board (DB) constructed

Ex Isolation Switch/Safety Switch/Circuit Breaker Manufacturers

CZ Electric Co., Ltd is an Explosion-proof isolation switch manufacturers and Explosion-proof safety switch, Explosion-proof circuit breaker (MCB) box factory.

Custom CZ1290 Explosion-proof distribution boxes

CZ Electric Co., Ltd was established in 1990, is a CZ1290 Explosion-proof distribution boxes (socket with transformer) suppliers, and is headquartered in

Warom Explosion Proof Equipment | ATEX IECEx Explosion-proof

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

Explosion Proof Distribution Box & Electrical Enclosures

Choose our explosion-proof solutions, choose safety. Durable Hexlon Explosion Proof Distribution Boxes and Electrical Enclosures, IECEx and ATEX certified for Zone 1 and Zone 2.

Custom CE90 Explosion-proof distribution panel

CE90 Explosion-proof distribution panel (Moveable) Prodcuts Features: The distribution box could be portable or movable, which is easy to use. Equipped

BXM (D)51 Series Explosion proof Distribution Boxes Lighting

BXM (D)51 Explosion proof Distribution Boxes Explosion protection to -CENELEC -IEC -NEC Can be used in Zone 1 and Zone 2 Zone 21 and Zone 22 Class I, Zone 1 and Zone 2 Class I, Division 2,

Portable explosion-proof distribution box

Buy a wholesale portable explosion-proof distribution box and experience smooth management and distribution of electricity. Visit Alibaba and order power distribution equipment that you like.

Ex Portable Outlet Distribution 16A

GHG9310003R0013 Explosion Protected Material - Portable Socket Distribution Electrical equipment, such as pumps, scales, etc. can be used flexibly in areas of

Explosion proof Distribution Boxes HLDP03-M Malaysia

Explosion proof Distribution Boxes HLDP03-M Malaysia Zone 1 and Zone 2 Zone 21 and Zone 22 Meet the necessities in the following industries, such as petroleum,

Factory Direct: Explosion-proof Lighting & Power Distribution Device ...

1.The explosion-proof power distribution box is a low-voltage power distribution device that assembles switchgear, measuring instruments, protective appliances and auxiliary equipment in a closed or

Distribution Boxes

BXJ93 Fibre Optic Splice Box Explosion-Proof Fibre Optic Termination Solution for Hazardous Locations Engineered for safety, reliability, and high-performance

Portable explosion proof distribution box

Discover efficient portable explosion proof distribution box solutions designed for optimal power distribution. Enhance your operations with reliable, durable equipment tailored to your needs.

HRMD92 Explosion proof Distribution Box (Ex d IIB+H2)

Equipped with a specialised hinge structure which can prevent damage to the flameproof joints when opening and closing the box; greatly prolongs the

Custom CE90 Explosion-proof distribution panel

The distribution box could be portable or movable, which is easy to use. Equipped with electrically conductive thermoplastic rubber wheels (remove static electricity)

Explosion proof electrical equipment/ATEX, IECEx

KHJ supplies explosion-proof lighting for almost any application: High bay lights, floodlights, Linear lights, Emergency lights, Exit lights or Mobile lights. They are designed for use in the harshest

Contact Us

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