

Article Overview

Qatar offers a range of ATEX and IECEx-certified explosion-proof distribution boxes, including HRMD91, HRMD96, and SKX series, designed for hazardous environments with customizable dimensions and materials.

Key Models and Features

1. HRMD96 Series

- o Enclosure Type: Flameproof (Ex db) suitable for feed distribution, control boxes, terminal boxes, and motor starting boxes.
- o Materials: 304 or 316L stainless steel, Q235 steel.
- o Design Features: Specialized hinge structure to protect flameproof joints, modular combination for space-saving installation.
- o Protection Ratings: Ex db IIC T6...T41 Gb, Ex tb IIIC T80°C...T130°C Db.
- o Customization: Special requirements can be incorporated on request, including size adjustments and internal layout .

2. HRMD91 Series

- o Enclosure Type: Flameproof Ex d IIB+H2.
- o Materials: Copper-free aluminum with powder-coated surface.
- o Design Features: Reinforced hinges to prevent damage to flameproof joints, modular installation options.
- o Applications: Suitable for various distribution systems in hazardous areas, including oil and gas facilities .

3. SKX Series (Magnus TEP Ex)

- o Models: SKX 12, SKX 15, SKX 16I, SKX 17, SKX 20, SKX 20I.
- o Materials: GRP or AISI 316L stainless steel.
- o Features: Explosion-proof enclosures and control panels, Ex enclosure population service available.
- o Applications: Designed for safe operation in Zone 1, Zone 2, Zone 21, and Zone 22 hazardous areas .

General Specifications and Dimensions

- o Customizable Dimensions: Most models allow flexible sizing to accommodate different electrical components and cable entries.
- o Cable Entry Options: Lockable latches, reinforced doors, and customizable gland plates for multiple cable entries.
- o Environmental Protection: Designed to withstand internal explosions and prevent propagation, suitable for harsh industrial conditions.
- o Certifications: ATEX and IECEx certified, ensuring compliance with international safety standards .

Qatar explosion-proof distribution box models and dimensions

Material and Installation Considerations

- o Stainless Steel (304/316L): Corrosion-resistant, suitable for marine and chemical environments.
- o Aluminum: Lightweight, powder-coated for durability.
- o Q235 Steel: Economical option for general industrial use.
- o Modular Design: Boxes can be combined or installed freely to save space and meet specific distribution system requirements .

Applications in Qatar

Explosion-proof distribution boxes are widely used in oil and gas, petrochemical, marine, and mining industries. They ensure safe operation of electrical systems in hazardous zones, protecting both equipment and personnel from potential ignition sources . For precise dimensions, internal layout, and customization options, suppliers like Electron Qatar, Warom Group, Magnus TEP Ex, and Inatex provide detailed datasheets and consultation services to match site-specific requirements .

Find EXPLOSION PROOF ELECTRIC FITTINGS products suppliers in qatar with Online Qatar Oil and Gas Directory. .

Atex junction box in Qatar for hazardous zones. Available in Doha and Al Khor from trusted suppliers. Ideal for

Explore certified ATEX power distribution systems in Qatar and Doha. Bushtorm supplies explosion-proof,

Durable ex-proof glands ensure maximum protection against environmental hazards, ideal for various industrial applications requiring

ATEX Junction Boxes in Qatar, designed for optimal performance in hazardous areas. These junction

High-performance ex-proof enclosures deliver robust protection for electrical systems, meeting safety standards for hazardous and

Trust leading junction box suppliers and distributors in Qatar to deliver this innovation to

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

HRMD91 Explosion proof Distribution Box Explosion protection to - IEC - CENELEC - NEC Can be used in

Qatar explosion-proof distribution box models and dimensions

Zone 1 and Zone 2

Explore explosion-protected electrical equipment for safe use in hazardous areas. Certified solutions ensuring safety, reliability, and

7 basic enclosure sizes Enclosures can be combined (modular system) Available as completely fitted and wired control and

Crouse-Hinds series C30 and C31 duct outlet boxes are installed in electrical systems in hazardous areas to protect against external

Whether it's an offshore platform in Ras Laffan, a refinery in Mesaieed, or a chemical plant in Doha, this

These enclosures are designed to meet strict industry standards, offering explosion-proof and corrosion-resistant solutions for

Distribution Point Box The box is made up of Polystyrene, a self-extinguishing plastic which provides corrosion free, highly impact

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

Web: <https://morwarreconst.co.za>

