

# Model of Lebanon Emergency Explosion-proof Distribution Box



## Overview

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

## Key Takeaways

The HRMD92 and HRMD96 series are widely used explosion-proof distribution boxes suitable for hazardous environments, including emergency applications in Lebanon. Key Models and Features

### HRMD92 Series

- Flameproof Rating: Ex d IIB+H2, suitable for gas and hydrogen-rich atmospheres .
- Material: Stainless steel enclosure, ensuring corrosion resistance and durability .
- Design: Equipped with a specialized hinge structure to prevent damage to flameproof joints during opening and closing, prolonging service life .
- Installation: Modular and combinable, allowing flexible installation to save space and meet various distribution system requirements .
- Components: Can include ammeters, voltmeters, power meters, control switches, MCCBs, MCBs, AC contactors, relays, PLCs, fuses, soft starters, frequency converters, and other electrical devices .

- HRMD96 Series
- Flameproof Rating: Ex db IIC T6 ... T41, Ex tb IIIC T80°C ... T130°C, suitable for more demanding hazardous environments .

- Material Options: 304 stainless steel, 316L stainless steel, and Q235 steel .
  - Design: Similar specialized hinge structure for joint protection and extended service life .
  - Flexibility: Can be combined and installed freely, supporting complex distribution systems .
- Applications

These boxes are ideal for chemical plants, petrochemical facilities, offshore platforms, refineries, and other hazardous areas where explosive gases or combustible dust may be present . They are suitable for emergency power distribution, control panels, motor starting boxes, and terminal boxes.

#### Additional Considerations

- Customization: Both series can be tailored to client requirements, including entry hole sizes, NPT plugs, and specific internal components .
- Compliance: Designed to meet international standards for explosion-proof equipment, ensuring safety in hazardous environments .
- Durability: Stainless steel construction and flameproof design provide long-term reliability even in highly corrosive or extreme conditions . For emergency applications in Lebanon, the HRMD92 series is commonly recommended for standard hazardous zones, while the HRMD96 series is suitable for more extreme conditions requiring higher temperature and gas classifications.

## Article Content

### Ex-Proof & Flameproof Enclosures & Junction Box | Supermec

All explosion-proof enclosures, lighting or power distribution boxes are manufactured using the latest technologies, both mechanical

### Explosion Proof Electrical Equipment | Hazardous Area

Explore how HEXLON explosion-proof products have been applied in large-scale oil & gas, petrochemical,

### Distribution Boxes HRMD92 Series Explosion-proof Distribution

Equipped with specialized hinge structure, which can prevent the flameproof joints from damage when opening and closing the

### 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 & Panels

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

### 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

### 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

### How to Wire an Explosion-Proof Distribution Box and

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

### Explosion Proof Control Panel

The explosion proof control panel is to control and regulate the operation of various equipment and devices in a certain space,

### 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

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

Explosion-proof electrical distribution boxes are essential for safety in hazardous environments. These specialized enclosures are

### 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.

### Explosion Proof Plug and Socket, Junction Box Price,

We provide Explosion proof various equipment's like plug and socket, junction box, cable glands and

### BXM (D)81 Explosion proof Distribution Boxes Lighting or Power

BXM (D)81 Explosion proof Distribution Boxes Lighting or Power Explosion protection to -CENELEC -IEC -NEC Can be used in Zone

### Distribution Boxes

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

Explosion proof Power Distribution Panel Box

Power Distribution panel box - Hazardous locations for explosive gas mixtures: Zone 1 and Zone 2. Explosive gas mixtures: Class

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

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

Explosion proof Distribution Boxes HLDP03-M Malaysia

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

Ex-proof Junction Box, Terminal Box & Enclosures | Supermec

Supermec Explosion Proof Junction Box & Hazardous Area Electrical Control Equipment are able to resist highly corrosive

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