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 .

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• 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

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

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

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

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

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