# Explosion-proof distribution boxes for smart buildings in the Middle East



## Overview

Warom Explosion Proof Distribution Boxes Manufacturer & Supplier offers secure, high-performance solutions for industrial automation and electrical control systems.

## Key Takeaways

Top explosion-proof distribution box brands in the Middle East include Supermec, Prolux International, Orostar, and Jireh Energy Solutions, all offering ATEX and IECEx certified solutions. Leading Brands and Suppliers1. Supermec Supermec specializes in ATEX and IECEx compliant explosion-proof electrical equipment, including distribution boards, enclosures, and control stations.

They provide customized solutions for Zone 1 and Zone 2 hazardous areas, with expertise in integrating smart building systems such as HVAC, automation, and distributed control systems. Supermec has a regional presence in the Middle East, ensuring short lead times and local support for oil & gas, petrochemical, and pharmaceutical industries. 2.

Prolux International Prolux International offers a wide range of explosion-proof junction boxes, control panels, and enclosures suitable for smart building applications. Their products are ATEX, IECEx, NEMA 4X, and UL certified, and they provide custom assembly and integration of internal components, terminals, and cable glands. Prolux is a major stockist in the UAE and supplies to Saudi Arabia, Oman, Bahrain, Qatar, Egypt, Iraq, and Kuwait, making them a reliable regional partner.

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3. Orostar Orostar provides customized explosion-proof enclosures made from mild steel, GRP, aluminum alloy, and stainless steel. Their products comply with ATEX, IECEx, UL, FM, and CE standards and are suitable for Zone 1 and Zone 2 installations.

Orostar emphasizes tailored designs, cost estimates, and layout drawings, ensuring compatibility with smart building electrical systems and timely delivery. 4. Jireh Energy Solutions Jireh Energy Solutions LLC supplies high-performance explosion-proof electrical components, including junction boxes, local control stations, switches, and isolators.

Their products are certified to ATEX, IECEx, and UL standards, and they focus on robust, low-maintenance solutions for hazardous environments in oil & gas, petrochemical, and industrial facilities across the Middle East.

### Key Considerations for Smart Buildings

Certification Compliance: Ensure the distribution boxes are ATEX, IECEx, UL, or FM certified for the specific hazardous zone. Material Selection: Options include stainless steel, aluminum alloy, GRP, or cast iron, depending on environmental conditions and corrosion resistance. Customization: Many suppliers offer customized enclosures with integrated terminals, cable glands, and control components to support smart building automation.

Regional Support: Choose suppliers with local offices or stock in the Middle East to reduce lead times and ensure technical support. These brands provide a combination of safety, compliance, and adaptability for smart building projects in hazardous areas, making them suitable for commercial, industrial, and oil & gas applications in the Middle East.

## Article Content

Explosion Proof Distribution Boxes Manufacturer & Supplier

Warom Explosion Proof Distribution Boxes Manufacturer & Supplier offers secure, high-performance solutions for industrial automation and electrical control systems.

Explosion Proof Electrical Equipment, ATEX Lighting | Supermec

Your Electrical & Explosion Proof specialist, and manufacturer of the complete range of ATEX and IECEx compliant Ex-proof electrical equipment for use in Zone 1 and Zone 2, such as enclosures,

Explosion Proof

Warom''s product spectrum covers a wide range, including Explosion Proof light fittings, control stations, distribution panels, junction boxes, cable glands, etc., which are widely used in a variety of fields

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Explosion Proof Electricals

Our extensive product lineup covers all essential explosion-proof (Ex-proof) electrical components for oil and gas plants, rigs, and industrial facilities,

Warom Electric Middle East Trading LLC

Warom Electric Middle East Trading LLC supplies explosion proof electrical switchgear and equipment for use in hazardous environments in the oil and gas, petrochemical, marine, offshore, chemical and

HRMD91 Series Explosion-proof Distribution Panels – Warom

It is a fundamental explosion-proof enclosure supplied without any pre-installed electrical components, providing only a protected and isolated space. Its primary function is to ensure safe connection,

Explosion proof Enclosures and Distribution Boxes

For more information on our range of explosion proof enclosures and distribution boxes please click on the links above or contact us at ex@warom.ae.

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Our Explosion proof range of products are complying with the highest international and national standards such as ATEX, IECEx, PTB of Germany, LCIE of France, Nemko and DNV of

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