

Where can I find explosion-proof electrical distribution boxes in Southern Europe



Overview

Control Panels & Distribution Boards To provide and protect Low Voltage Power Distribution networks from harsh environmental conditions and explosive atmos.

Key Takeaways

You can source ATEX and IECEx certified explosion-proof distribution boxes from leading suppliers like Extol International, MAM, Pepperl+Fuchs, BARTEC, and Atex Delvalle in Southern Europe. Key Suppliers and Options



1. Extol International Extol International offers a wide range of explosion-proof control panels and distribution boards with ATEX certification, suitable for Zone 1 (21) and Zone 2 (22) hazardous areas. Their enclosures are available in stainless steel, aluminium, and cast iron, with protection ratings from IP42 (indoor) to IP66 (outdoor), making them suitable for both indoor and harsh outdoor environments . 2. MAM (Ex Electrical Equipment) MAM specializes in Ex electrical equipment for hazardous industrial environments, including Ex control panels, junction boxes, lighting systems, cable glands, and distribution systems. Their products are ATEX and IECEx certified, designed to prevent ignition in explosive atmospheres, and are suitable for industries like oil & gas, petrochemical, marine, mining, and pharmaceuticals . 3. Pepperl+Fuchs Pepperl+Fuchs provides Ex d (flameproof) and Ex tb (dust-protected) terminal and junction boxes. Their enclosures are made from copper-free aluminum and stainless steel, offering high corrosion resistance and durability. They are certified for Zone 1, Zone 2, Zone 21, and Zone 22, and are ideal for oil and gas, offshore, chemical, and hygiene-critical applications . 4. BARTEC BARTEC offers a comprehensive range of explosion-proof energy distribution solutions, including Ex d, Ex e, Ex i, and Ex p enclosures. They provide customized low- and medium-voltage switchgear, control and signaling devices, and motor control solutions. Their products are designed for harsh environments and hazardous areas, with a focus on long-term reliability and flexibility . 5. Atex Delvalle Atex Delvalle manufactures custom-made local control stations and distribution boxes in stainless steel AISI 304L/316L or GRP, fully ATEX and IECEx certified. Their enclosures are suitable for Zones 1, 2, 21, and 22, and can be configured with multiple control elements, push buttons, meters, and cable glands according to project requirements .

Considerations for Southern Europe

- Ensure the supplier provides ATEX certification, mandatory for European hazardous areas.
- Choose materials suitable for climatic conditions, such as stainless steel for coastal or high-humidity areas.
- Verify the zone classification (Zone 1, 2, 21, 22) matches your installation site.
- Consider customizable options if your project requires specific control elements or modular configurations. These suppliers have a strong presence in Europe and can provide both standard and custom explosion-proof distribution boxes for industrial applications in Southern Europe.

Article Content

Portable Splitter Box Hazardous Areas

The Ex splitter box is designed for use in hazardous areas is to get two or more sockets as outputs by one current input, allowing this

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

