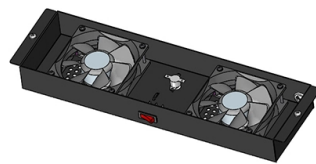


Customized Explosion-Proof Distribution Boxes in Cambodia



AI Overview

Explosion-proof distribution boxes for Cambodia typically feature flameproof enclosures, stainless steel construction, modular design, and compliance with Ex d/IIC/IIIC standards.

Key Specifications

- Enclosure Type and Certification** Flameproof enclosures (Ex d) suitable for hazardous areas, including gas (IIC) and dust (IIIC) atmospheres. Temperature classes range from T6 to T41 for gas and T80°C to T130°C for dust. Compliance with international explosion-proof standards ensures safe operation in industrial and petrochemical environments.
- Materials** Common materials include 304 or 316L stainless steel and Q235 steel, providing corrosion resistance and durability. Specialized hinge structures protect flameproof joints during opening and closing, extending service life.
- Design Features** Modular design allows combination and flexible installation to save space and adapt to various distribution systems. Windows and operating handles on panels facilitate easy operation and monitoring. Internal wiring is pre-installed; external connections are simplified for field installation. Optional rainproof covers or protective cabinets for outdoor use.
- Applications** Suitable for feed distribution, control boxes, switch boxes, terminal boxes, and motor starting boxes. Widely used in petrochemical plants, food processing, medical machinery, aerospace, and military projects.
- Customization and Client Requirements** Boxes can be customized for specific voltage, current, or component requirements. Special client requests, such as additional protective features or specific mounting configurations, can be incorporated.
- Installation and Safety Considerations** Ensure proper grounding and bonding according to local electrical codes. Verify that the selected box meets the hazardous area classification of the installation site. Regular inspection and maintenance of fla...

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