

Vanuatu Explosion-Proof Distribution Box Specifications

Article Overview

Vanuatu Explosion-proof Distribution Boxes are ATEX and IECEx certified, made from stainless steel (304L or 316L), and designed for hazardous areas with IP66 protection.

Key Specifications

- o Enclosure Material: Type 304 stainless steel standard; Type 316 stainless steel available for enhanced corrosion resistance .
- o Protection Type: Explosion-proof, suitable for hazardous atmospheres; compliant with ATEX 94/9/EC Directive and IECEx standards .
- o Ingress Protection: IP66, ensuring dust-tight and water-resistant performance .
- o Flameproof Design: Equipped with specialized hinge structures to prevent damage to flameproof joints during opening and closing, prolonging service life .
- o Built-in Components: Can accommodate a wide range of electrical devices including MCBs, MCCBs, AC contactors, thermal relays, PLCs, soft starters, meters (voltmeter, ammeter, power meter), pushbuttons, indicators, and other control devices .
- o Customization: Boxes can be custom-made to client specifications, including size, number of cable entries, and internal component layout .

Dimensions and Installation

- o Standard Sizes: Vary depending on model and client requirements; enclosures can be combined or installed freely to save space and meet distribution system needs .
- o Cable Entries: Standard M 20 x 1.5 plug; NPT plug available on request. The number and size of side holes can be customized to meet power dissipation and mechanical strength requirements .
- o Mounting: Designed for flexible installation in Zone 1, Zone 2, Zone 21, and Zone 22 hazardous areas, suitable for both wall-mounted and modular configurations .

Additional Features

- o Temperature and Environmental Resistance: Suitable for ATEX-rated work sites with high safety requirements.
- o Component Integration: Supports integration of control, monitoring, and protection devices for motors, lighting, and industrial systems .
- o Delivery Options: Standard products available for quick shipping; bespoke solutions can be manufactured to exact specifications . These Vanuatu explosion-proof distribution boxes are ideal for industrial, offshore, and hazardous area applications where safety, durability, and compliance with international standards are critical.



Vanuatu Explosion-Proof Distribution Box Specifications

They provide a robust solution for energy distribution, motor control, and monitoring in explosive atmospheres.

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

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These explosion proof junction boxes / terminal boxes, plugs, sockets & connectors are for use in explosive atmospheres in

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Vanuatu Explosion-Proof Distribution Box Specifications

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The HRMD91 distribution box (intelligent type) can continuously collect electrical parameters such as voltage, current, power, and

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