

RIVO MULTITRADE OPTICAL SYSTEMS

FXM type distribution box



Overview

Premium-Line FTTH distribution box is aim designed for multi-purpose applications in FTTH projects. Read more here!

Key Takeaways

FXM distribution boxes are waterproof, dustproof, and corrosion-resistant enclosures available in multiple series and materials for industrial and outdoor electrical distribution.Overview

FXM distribution boxes are designed for power and lighting distribution in industrial, commercial, and outdoor environments. They are widely used in petroleum, chemical, food, pharmaceutical, military storage, and other industrial sectors . These boxes provide protection against water, dust, and corrosion, making them suitable for harsh conditions.

Types and Materials

FXM boxes come in several series and material options:

- Engineering Plastic Shell: Made of glass fiber reinforced unsaturated polyester resin, offering anti-static, impact resistance, corrosion resistance, and thermal stability .
- Stainless Steel Shell: Welded stainless steel plates with a brushed surface, providing durability and aesthetic appeal .



- Aluminum Alloy Shell: Die-cast aluminum with powder-coated surface, resistant to corrosion and suitable for outdoor use .
- L, G, and S Series: These series differ in corrosion resistance and sealing structures:
- L and S Series: Labyrinth sealing for excellent waterproof and dustproof performance.
- G Series: Curved sealing structure with similar protective properties .

Protection and Features

- Waterproof and Dustproof: Typically rated IP65 or IP66, suitable for outdoor installation .
- Corrosion Resistance: Resistant to strong acids, alkalis, and salts, depending on the series .
- Circuit Protection: Equipped with miniature circuit breakers or molded case circuit breakers, operable through a transparent waterproof window .
- Wiring Options: Standard cable wiring; steel conduit wiring can be specified .
- Mounting: Vertical installation with optional mounting brackets; rain covers available for outdoor use .

Applications

FXM distribution boxes are suitable for:

- Lighting and power distribution in industrial plants.
- Outdoor electrical installations requiring high protection against environmental factors.
- Mixed circuits combining lighting and power distribution .

Customization

Many manufacturers offer OEM/ODM services, allowing customization of design, logo, and specific electrical configurations. Sample orders are typically available, though production may take around 15 days for customized units . FXM distribution boxes provide a robust, versatile, and protective solution for electrical distribution in demanding environments, with multiple material and series options to meet specific industrial and outdoor requirements.

Article Content

FTTH distribution boxes 4, 8, 16, 24, 36 or 48 ports

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

