

Article Overview

Armenian box-type electrical distribution boxes are protective enclosures that manage and distribute electrical power safely across circuits in residential, commercial, and industrial settings.

Overview

Electrical distribution boxes, also known as breaker boxes or fuse boxes, serve as the central hub for dividing electricity from the main supply into multiple circuits while providing protection against overloads, short circuits, and leakage . In Armenia, these boxes are widely available in both metal and plastic enclosures, suitable for various applications including industrial workshops, residential buildings, hotels, hospitals, and government offices .

Types of Distribution Boxes

- o Open Distribution Boards These are basic switch cabinets with panel blocking. The front provides some protection, but the back and sides may expose live parts. They are typically used in industrial or mining enterprises with low continuity requirements. Components include fuses, circuit breakers, and residual current devices .
- o Protective (Closed) Cable Distribution Boxes Fully enclosed on all sides except the mounting surface, these boxes house switches, monitoring devices, and control components. They can be wall-mounted or free-standing and often include mechanical interlocks for safety. Protective boxes are suitable for process sites and areas requiring higher operational safety .
- o Drawer-Type Distribution Boxes These cabinets feature withdrawable drawers containing electrical components, separated from the bus or cable by grounded metal or plastic plates. They offer high reliability, safety, and interchangeability, making them ideal for complex industrial or commercial power distribution tasks .
- o XRM Lighting Distribution Boxes Lightweight and versatile, XRM boxes are used for secondary distribution in AC 50/60Hz systems up to 400V and 100A. They include control switches, buttons, signal indicators, and modular terminal appliances, suitable for controlling motors, lighting, and other electrical equipment in industrial, mining, and high-rise building applications .

Key Features

- o Voltage and Current Ratings: Typically up to 400V and 100A for standard industrial boxes .
- o Safety: Protection against overload, short circuit, and leakage; fully enclosed designs enhance operator safety .
- o Materials: Metal or high-quality plastic enclosures for durability and environmental protection .
- o Applications: Residential, commercial, industrial, and institutional buildings, including hotels, schools,

hospitals, and government offices .

Suppliers in Armenia

- o El Store: Offers a wide range of high-quality metal and plastic distribution boxes at competitive prices .
- o Luxel: Supplies specialized electrical mounting equipment, including metal boxes, enclosures, and modular cabinets for large construction projects .
- o XRM: Provides lightweight lighting distribution boxes suitable for industrial and commercial applications .

Choosing the Right Box

When selecting a distribution box, consider:

- o Load requirements: Ensure the box can handle the total current and voltage of your circuits.
- o Environment: Choose metal or plastic enclosures based on exposure to moisture, dust, or industrial conditions.
- o Safety features: Look for interlocks, protective doors, and modular components for easy maintenance.
- o Application type: Industrial, residential, or commercial use may dictate the type (open, protective, or drawer-type). Armenian box-type electrical distribution boxes combine safety, reliability, and flexibility, making them essential for modern electrical installations across various sectors .

From residential 100-amp panels to massive 600 amp main distribution panels in commercial facilities, this comprehensive guide will

Sell Price Of Armenian Power Distribution Boxes in bulk to verified buyers and importers. Connect with businesses actively looking to

Armenian Power Plant Distribution Box Manufacturer Baseload electricity is produced from the 407-MW Armenian Nuclear Power

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Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find

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TP Electric was established in 1989 in Izmir to produce industrial type electrical equipment. It has been one of the most important

Discover the key types of distribution boxes with NUOMAK's comprehensive guide. Learn about Main Distribution Boards (MDB),

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The electricity sector of Armenia includes several companies engaged in electricity generation and distribution. Generation is

Design and wiring of robust and flexible electrical cabinets and enclosures, from single units to medium series for all industries. We

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