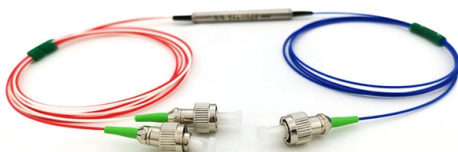


Indian Professional Distribution Box Specifications and Models



Overview

Description Axis India provides SMC distribution box designed for efficient and safe power distribution.

Key Takeaways

Professional distribution boxes in India are available in multiple types and models, including single-phase, three-phase, TPN, and feeder pillar boxes, designed for residential, commercial, and industrial applications.

- Single-Phase Distribution Box
 - Used for small residential or office setups.
- Typically includes MCBs (Miniature Circuit Breakers) and RCCBs (Residual Current Circuit Breakers).
- Voltage rating: 230V AC, current rating: 6A–63A depending on load requirements .
- Three-Phase Distribution Box (TPN/TP)
 - Suitable for industrial or large commercial installations.
- Can handle 415V AC three-phase supply.
- Includes TPN (Triple Pole and Neutral) MCBs, isolators, and surge protection devices

- Double Door Distribution Board
- Provides separate compartments for incoming and outgoing circuits.
- Enhances safety and ease of maintenance.
- Commonly used in commercial buildings and industrial plants .
- Metal MCB Enclosure Box
- Made of powder-coated steel or CRCA sheet for durability.
- Protects internal components from dust, moisture, and mechanical damage .
- Distribution Feeder Pillar Box
- Outdoor-rated boxes for street lighting, industrial feeders, or utility connections.
- Can include metering, isolators, and surge protection .

Key Specifications

- Material: CRCA steel, mild steel, or ABS plastic for indoor applications; weatherproof enclosures for outdoor use .
- Ingress Protection (IP) Rating: IP20–IP65 depending on indoor/outdoor use.
- Mounting: Wall-mounted or floor-mounted options.
- Capacity: 4–36 ways for MCBs, with current ratings from 6A to 250A.
- Safety Features: Lockable doors, insulated busbars, fire-retardant materials, and proper earthing provisions .

Applications

- Residential homes and apartments
- Commercial offices and retail spaces
- Industrial plants and factories
- Utility and street lighting distribution

Leading Manufacturers and Suppliers in India

- Rajeshwari Engineering Works, Harshita Electricals, Sanlec Automation – known for quick response and bulk supply .
- Hindustan Tech, Orasle Enterprise, Flucon Components Pvt Ltd – offer cost-effective options starting from ₹120–150 per piece .
- Pantek Group and SIPRA Power Technologies – provide high-quality distribution boxes including feeder pillars, TPN boards, and double-door enclosures with nationwide supply .

Pricing

- Prices vary based on type, material, and capacity.

- Basic indoor boxes start around ₹100–300 per piece, while industrial-grade or outdoor feeder pillar boxes can cost significantly more depending on customization and features . Professional distribution boxes in India are designed to meet safety, durability, and load-handling requirements, making them suitable for a wide range of electrical installations across residential, commercial, and industrial sectors.

Article Content

SMC Distribution Box for AB Cable | Axis Electricals

Description Axis India provides SMC distribution box designed for efficient and safe power distribution. Made from robust Sheet

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

