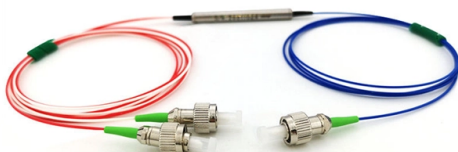


## Indian Professional Distribution Box Specifications and Models



### 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.

