

# Complete List of Plastic Distribution Box Specifications and Models

## Article Overview

Plastic distribution boxes are versatile electrical enclosures made from durable materials like ABS or polycarbonate, available in multiple IP ratings, sizes, and modular configurations for residential, commercial, and industrial applications.

## Key Features and Materials

Plastic distribution boxes are primarily made from high-grade engineering plastics such as ABS, polycarbonate (PC), or fiberglass-reinforced plastics, offering excellent insulation, corrosion resistance, and durability against moisture, chemicals, and UV exposure . They are lightweight, non-conductive, and often include transparent or opaque covers for easy inspection of internal components . Many models meet international standards such as IEC 60529 for ingress protection and BS EN60439-3 for modular distribution boards .

## IP Ratings and Protection

- o IP65: Dust-tight and protected against low-pressure water jets, suitable for outdoor and industrial environments (e.g., EKDB10 series), .
- o IP66: Enhanced water protection against powerful jets, ideal for high-exposure areas like solar PV installations or washdown zones (e.g., SELHOT SHPN/HT series), .

## Common Models and Configurations

- o EKDB10 Series:
  - o Material: PC plastic
  - o Layers: Single, double, or triple
  - o Ways: 4-39
  - o Applications: Industrial, commercial, photovoltaic
  - o Standards: IEC 60529, IEC 62262, IEC 60695-2-10
- o NTSM Series:
  - o Material: ABS housing with transparent PC cover
  - o Modular DIN rail compatible
  - o Indoor low-voltage applications, residential solar, and smart building integration
  - o Features: Quick visual inspection, flexible expansion, aesthetic design
- o MB-ABC and MB-AF Series:
  - o Material: Flame-resistant ABS

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- o Ways: 6, 8, 12, 16, 24, 36
- o Dimensions vary by model (e.g., MB-AF 6-way: 185x141x60 mm)
- o Applications: Residential, commercial, high-rise buildings, hospitals, airports
- o Standards: BS EN60439-3, JB/T7121-93
  
- o SELHOT Series:
- o Material: PC or ABS
- o IP Ratings: IP65/IP66
- o Modular configurations: 4-way to 36-way
- o Applications: Outdoor lighting, irrigation, solar PV, MCB enclosures
- o Customization: Color matching, OEM/ODM services, CAD-ready dimensions

## Advantages of Plastic Distribution Boxes

- o Corrosion and moisture resistance: Ideal for harsh environments
- o Lightweight and easy installation: Reduces labor and shipping costs
- o Non-conductive: Enhances electrical safety
- o Modular design: Supports flexible expansion and standardized installation
- o Durable and UV-stabilized: Suitable for outdoor use without degradation

## Applications

Plastic distribution boxes are widely used in:

- o Residential and commercial buildings
- o Industrial facilities and factories
- o Photovoltaic solar systems
- o Outdoor lighting and irrigation systems
- o Smart building electrical management These enclosures provide a centralized hub for electrical distribution, protecting circuit breakers, fuses, and wiring while ensuring safety, reliability, and compliance with international standards.

We offer a broad selection of models, configurations, and sizes to serve various applications, from residential and commercial

Plastic distribution boxes for flush mounting Plastic distribution boxes for surface mounting Waterproof distribution boxes Model Color

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TME332513 Plastic distribution cabinet HxWxH=330x250x130mm, IP65, IK10, 1000V AC/DC, RAL7035  
Net39.00000 EUR

Distribution boards, together with modular ABB system pro M Compact protection devices and Modular Din Rail Components, can be

Distributors - Distribution box. Item no. 2008852 Distribution box, 12 division units, with terminal strip, polycarbonate

Although at first glance the choice of a circuit breaker box in your home may not appear complicated, there are some finer points to

Discover high-quality plastic distribution boxes designed for superior electrical protection and safety. Our durable, weather-resistant

GSDB-4030 400x300x190 3 Phase Service Connection Distribution Box/ ABC Distribution Box 11.

Discover the perfect Power Distribution Cabinet & Box addition with our Plastic Distribution Box. Delivery speed for power distribution

DRAFT SPECIFICATION FOR L. T. DISTRIBUTION BOX OF DISTRIBUTION TRANSFORMER (DTR) OF DIFFERENT RATINGS

IP66 Plastic Distribution Box Model : SHPN Series IP66 IK09 4-36 Way 400V 75A ABS/PC View IP66 Plastic

This document provides specifications for various types of plastic distribution boxes, including their dimensions and features. It

Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical

Distribution boxes, also known as electrical distribution boards or panels, are pivotal components in electrical systems, ensuring the

Hamilton's Bulk Distribution Boxes are modular and additional material outlets may be added as your needs grow. Any module may

ket of low voltage electric insulating switchboards and industrial boxes. No matter how harsh the environment is, there is always a

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Web: <https://bssoda.pl>

