

Article Overview

Plastic distribution box shells vary in size depending on series and configuration, with typical dimensions ranging from 100-415 mm in length, 105-323 mm in width, and 75-140 mm in height.

Common Series and Dimensions

MB-ABC Series (Flush Type, ABS Plastic):

- o MB-ABC500: 200 mm (L) x 174 mm (W) x 95 mm (H)
- o MB-ABC700: 255 mm x 172 mm x 95 mm
- o MB-ABC900: 328 mm x 172 mm x 95 mm These boxes are modular and suitable for AC 50Hz circuits with rated voltages of 220V/380V, widely used in residential, commercial, and industrial applications . MB-AF Series (Flush Modular, ABS Plastic):

- o 6-way: 185 mm (L) x 141 mm (W) x 60 mm (H1)
- o 8-way: 230 mm x 175 mm x 74 mm (H2)
- o 12-way: 308 mm x 209 mm x 99.5 mm (H3)
- o 16-way: 233 mm x 290 mm x 103 mm
- o 24-way: 314 mm x 344 mm x 103 mm
- o 36-way: 314 mm x 428.7 mm x 103 mm These enclosures feature flame-proof, impulse-proof, and excellent insulation properties, conforming to BS EN60439-3 and JB/T7121-93 standards . EKDB10 Series (IP65 Waterproof, PC Plastic):

- o Available in 4-39 ways, with single, double, or triple layers
- o Designed for industrial, commercial, and photovoltaic applications
- o Dimensions vary according to the number of ways and layers, providing flexibility for indoor and outdoor installations . AXM Series (ABS Plastic, Semi-Transparent):

- o Supports wall-mounted (surface) and wall-embedded (concealed) installation
- o Material: ABS engineering plastic with semi-transparent sight glass
- o Dimensions are designed to suit different installation environments, though specific measurements depend on the model . Ex9XG Series (Outdoor/Construction Use):
- o Suitable for outdoor charging stations, gardens, bathrooms, and construction sites
- o Provides waterproof, moisture-proof, dustproof, and smoke-proof protection
- o Dimensions vary by model, designed for robust environmental resistance .

Material and Installation Notes

- o Most plastic distribution boxes are made of ABS or PC engineering plastics, offering mechanical strength, flame resistance, and insulation.

Dimensions of Plastic Shell Distribution Boxes

o Boxes can be wall-mounted or embedded, with modular designs allowing for multiple ways (outlets) and layers.

o IP ratings (e.g., IP65) indicate protection against dust and water ingress, important for outdoor or industrial applications. These dimensions and specifications help in selecting the appropriate distribution box shell for electrical installations, ensuring compatibility with modular components, environmental conditions, and safety standards.

(Merlin Gerin distribution box) PZ30 Plastic Electrical Distribution Box has metal bottom, the box cover is

Robust, easy to install drainage solutions for all domestic/light commercial applications Polylok's range of distribution boxes (a.k.a.

The wetland outlet box shall be constructed of non-corrosive high-density polyethylene plastic. The wetland box shall have a

In addition, the IP67 plastic street light waterproof box is composed of ABS shell and PC door, which has excellent heat resistance

Discover Polycase's range of plastic electrical boxes, NEMA-rated enclosures, and custom enclosures

ABS shell and PC door with high dielectric strength and insulation voltage ($\geq 3.75\text{kV}$, 1000V CA). IP66 and IK09 protection levels,

Plastic Distribution box Blue Volume 54 Litres SWL 30kg Dimensions 400x600 Shell handles Closed bottom & Sides And more than

They range from simple 4 hole distribution boxes to the large "Rhino" 10 hole box. All boxes are made from robust polypropylene (that

Distribution Box Space and cost saving solution Amphenol LTW's distribution boxes facilitate efficient cable management, easy

IP66 plastic distribution box SHPN series has streamlined design, compact structure, easy installation,

Sealing of control cabinets and electrical distribution boxes made of plastic The groove contours of

1 Overview With full-plastic shell, AXM series distribution box is used to accommodate neutral terminal block, earthing terminal block

Dimensions of Plastic Shell Distribution Boxes

220 Power Distribution Box 220 Power Distribution Box, also called power and lighting distribution control box. Most of them are

AXM Series Plastic Distribution Box 5 Outline and Installation Dimensions Dimension drawings of surface mounted box ... Dimension

These boxes are based on the modular area 600 mm $\times$ 400 mm, 600 mm $\times$ 500 mm, 550 mm $\times$ 366 mm and subdivisions of them.

Material Plastic, Abs Mounting Type DIN Rail Mount, Wall Mount 4 way 6 Way 9 way 12 Way 18 Way 24

Web: <https://millstraining.co.za>

