

PVC distribution box dimensions and specifications

Article Overview

PVC distribution boxes are modular electrical enclosures available in 8-way to 18-way configurations, offering corrosion resistance, insulation, and compliance with IEC and ISO standards.

General Specifications

PVC distribution boxes are designed for residential, commercial, and solar applications, providing safe and organized electrical distribution. They are molded from high-grade engineering plastic, which ensures excellent insulation, moisture and chemical resistance, and long service life . These boxes are lightweight, corrosion-proof, and suitable for indoor and outdoor installations, including gardens, bathrooms, parking lots, and construction sites .

Configurations and Dimensions

PVC distribution boxes are available in 8-way, 12-way, 14-way, 16-way, and 18-way configurations, allowing installation of MCBs, RCCBs, and surge protection devices . The modular design supports future expansion and easy maintenance. While exact dimensions vary by manufacturer, typical boxes for 8-18 ways range approximately from 250 mm x 200 mm x 100 mm for smaller units to 600 mm x 400 mm x 150 mm for larger units, depending on the number of circuits and internal layout .

Material and Safety Features

- o Material: High-quality PVC or engineering plastic
- o Protection: Waterproof, dustproof, smoke-proof, and moisture-resistant
- o Insulation: Excellent electrical insulation to prevent short circuits
- o Durability: Resistant to corrosion and chemical exposure
- o Standards Compliance: IEC60439-3, ISO9001, CE, ROHS, IK, HF tests

Applications

PVC distribution boxes are widely used in:

- o Residential wiring and apartments
- o Commercial buildings and shopping centers
- o Solar energy systems and protection panels
- o Outdoor installations like gardens, parking lots, and construction sites

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Additional Features

- o Modular design for easy circuit planning and expansion
 - o Customizable options available through OEM/ODM services
 - o Easy installation with pre-drilled mounting points and removable covers
 - o Optional labeling for organized circuit identification
- PVC distribution boxes provide a cost-effective, safe, and durable solution for electrical distribution, ensuring compliance with international standards while supporting flexible installation and maintenance.

MCB Distribution Box Brand New, High Quality Capacity: 6 Way, 8 Way, 10 Way, 12 Way, 14 Way, 17 Way, 23 Way Colour: White

100 Pair Telephone Distribution Box Product Introduction: Techlogiks 100 Pair Telephone Distribution Box is a versatile plastic box

Flush mount Choice of 12-way and 20-way, to accommodate o 13 Mm width products 12-Way available in steel or plastic

Two provided with box. One set provided with box. Dimensions are shown in mm (in.). (1) Replace x with 1 [1 m (3.28 ft)], 2 [2 m

Since PVC junction boxes are lighter and easier to install than NEC approved metal enclosures, they are a great option for protecting

Metal Distribution Box Features Continuously welded seams Foam-in-place seamless gasket 120-degree opening heavy-duty

VOL-II(TS) E12-IX- LT DB Page-6 of 9 General Technical Particulars for LT Distribution Boxes : - 1) The L.T. Distribution Boxes

PVC-LINK is a competitive range of conduits and accessories, mounting Boxes, MCB boxes, weatherproof accessories and trunking

Applications Residential: Housing, Apartment, Condominium, Bungalow, Semi-Detached, Government Quarters etc. Commercial:

Polycarbonate boxes are available with a smooth surface (one single entry) or with multiple metric cutouts. xes are available with a

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It includes information on different types of distribution boxes, terminal shield boxes, and MCB spacers, along with their

Distribution Box, 56 SERIES MOUNTING COVER KIT FOR MCB/RCD W/O ENCL WITH NEON Distribution

DC Micro Style Distribution Boxes Four-pin, One Signal per Port Cable Connector Distribution Box Eight-port DC Micro Distribution

Check out American Manufacturing Company's DISTRIBUTION BOXES for water & wastewater systems. Learn more about the

Available in 8-way, 12-way, 14-way, 16-way, and 18-way configurations, these DB boxes allow easy installation of MCBs, RCCBs,

Learn standard electrical box dimensions for outlets, switches, and junction boxes.

Web: <https://bssoda.pl>

