

Size of a 12-position distribution box

Article Overview

A typical 12-position distribution box measures approximately 255 x 200 x 110 mm (10 x 7.9 x 4.3 inches).

Standard Dimensions

For most 12-way DIN rail distribution boxes, the common dimensions are:

- o Length (L): 250-255 mm
- o Width (W): 190-200 mm
- o Height (H): 85-110 mm For example, the Marshal MDB-12F metal distribution box has dimensions of 250 x 190 x 85 mm with an IP40 rating, while a plastic IP65-rated box measures 255 x 200 x 110 mm, suitable for indoor and outdoor use .

Material and Mounting Considerations

- o Plastic enclosures (ABS or polycarbonate) are often used for IP65/IP66 waterproof ratings, providing protection against dust and water, ideal for outdoor installations .
- o Metal enclosures provide higher mechanical strength but typically have lower IP ratings (e.g., IP40) and are used in indoor or controlled environments .
- o Mounting options include surface mount or flush mount, depending on installation requirements .

Additional Notes

When selecting a 12-position distribution box, consider not only the external dimensions but also:

- o Internal layout for MCBs, RCDs, busbars, and neutral/earth bars
- o Cable entry space and wiring room
- o Future expansion possibilities
- o Compliance with local electrical standards (IEC, UL, BS) These factors ensure the box fits the intended application safely and efficiently .

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The size of this 12 Way DIN rail indoor/outdoor distribution box assembled specification is 255 x 200 x 110mm. Please check carefully

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Product Description distributors and 12 fuses. It is equipped with 12 SC adapters and can wo

Marshal MDB-12F 12 Way Distribution Box METAL BASE MCB Flush Distribution Box 12 ways With Bus

If you're like most electrical professionals, picking the right distribution box for your project can feel like navigating a

3. POSITIONING Area distribution boxes can be fixed in floor tiles, partitions or ceilings with screws or nails, or fixed on cable trays

Plastic Distribution Box This distribution boxes/Distribution board enclosure is provided with elegant

The 12 distribution box is the most versatile box on the market today. It comes complete with the only seal

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