

RIVO MULTITRADE OPTICAL SYSTEMS

Small Distribution Box Models and Dimensions



Overview

This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways.

Key Takeaways

Small distribution boxes are compact electrical enclosures designed to manage and distribute power safely, available in modular and fixed configurations with varying dimensions, capacities, and mounting options.

- TOP Series Distribution Boxes
- Includes TOP-TS, TOP-TF, TOP-LS, TOP-PS, TOP-PF, and TOP-S models.
- Configurations range from 1-way to 36-ways, suitable for small to medium installations.
- Dimensions vary by model, typically specified in length, width, and height for precise mounting .
- Type 10 and Type 11 Series (DISTRO-DIRECT)
- Modular design allows flexible combinations of inputs and outputs.
- Equipped with Schuko solid rubber plugs, transparent shrink sleeving for labeling, and optional protective breakers.
- Designed for compact power distribution in laboratories, workshops, or small commercial setups .

- Panasonic Modular Distribution Boxes
- Available in 16- and 32-module base options with horizontal and vertical expandability.
- Suitable for flush or surface mounting, with transparent smoke or opaque white covers.
- Features include 180° openable covers, adjustable frames, and flame-retardant materials for safety .

Specifications

- Amperage Ratings: Typically range from 32A to 125A, depending on the number of circuits and intended application .
- Material: High-grade thermoplastic or metal construction, ensuring durability and fire resistance .
- IP Ratings: Designed to provide protection against dust and moisture, commonly IP40 to IP65, depending on the model .
- Safety Features: Many boxes include residual current protection, surge protection, and proper earthing systems .
- Mounting Options: Surface-mounted or flush-mounted, with modular boxes allowing combination of multiple units for larger installations .

Dimensions

- Dimensions vary by model and number of ways:
- Small 1–6 way boxes: typically compact, e.g., 200–300 mm width, 150–250 mm height, 80–120 mm depth.
- Medium 12–36 way boxes: larger enclosures, e.g., 400–600 mm width, 300–500 mm height, 120–200 mm depth .
- Modular boxes allow customizable expansion, enabling horizontal or vertical stacking to fit installation requirements .

Applications

- Residential: Distributing power to multiple circuits in homes or apartments.
- Commercial: Small offices, workshops, or retail spaces requiring compact, safe power distribution.
- Light Industrial: Machinery or lab setups needing modular and flexible distribution solutions . Small distribution boxes combine compact design, modularity, and safety features, making them essential for efficient electrical installations in various environments. They allow easy customization, secure mounting, and compliance with modern electrical standards.

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Distribution Box

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

