



Waterproof Distribution Box Size Specifications Table

Article Overview

Waterproof distribution boxes are available in multiple sizes and configurations, typically rated IP65-IP68, made from durable ABS or PC plastics, and designed for industrial, commercial, and outdoor applications.

Key Specifications

Series / Model	Material	IP Rating	Number of Ways / Positions	Layers	Dimensions (mm)	Features	SinoBreaker AT Series
ABS / Polycarbonate	IP65-IP68	Compact, variable	Single	Customizable, compact	DIN rail compatible, UV-stabilized, ideal for tight spaces	SinoBreaker HT Series	ABS / Polycarbonate
IP65-IP68	Larger internal room	Single	Customizable, larger	Extra terminals, cleaner wiring, DIN rail support	EKDB10 Series	PC / ABS	IP654-39 ways
Single / Double / Triple	Varies by model: 4-way (~200x150x90), 12-way (~300x250x120), 24-way (~400x300x150), 39-way (~500x400x180) Neutral and earth busbars (T version), corrosion-resistant, dustproof, suitable for photovoltaic and EV applications	ZCEBOX Standard	ABS / PC	IP65 & IP66	Variable	Single	Customizable
CE & RoHS certified, outdoor/industrial use							

Features and Considerations

- o Ingress Protection: IP65-IP68 ensures protection against dust, water jets, and temporary immersion, suitable for outdoor installations .
- o Material: ABS and polycarbonate (PC) plastics provide mechanical strength, UV resistance, and lightweight installation .
- o DIN Rail Compatibility: Most series support DIN rail mounting for modular electrical components .
- o Layer Options: Single, double, or triple layers allow flexible wiring and separation of circuits .
- o Compliance: Boxes meet IEC60529 standards for waterproofing and UL 94 for flammability .
- o Applications: Suitable for lighting, pumps, solar systems, industrial machinery, commercial buildings, and EV charging stations . These specifications allow engineers and installers to select the appropriate waterproof distribution box based on space constraints, number of circuits, environmental exposure, and compliance requirements. For custom dimensions or bulk orders, manufacturers like SinoBreaker and ETEK offer tailored solutions .

Defining Ingress Protection A waterproof distribution box must meet specific international standards to be considered

Complete specification guide for outdoor electrical distribution boxes covering NEC Article

The IP65 Distribution Box is available in a comprehensive range of sizes, from 4-way to 54-way

configurations, to meet a variety of

Download DB4 Series Waterproof Distribution Boxes datasheet, manual, and related Final Distribution Box product

SMICO's IP65 protection rating is one of the common protection rating standards for outdoor plastic

Mirage sub-main distribution boards have been designed for easy handling and quick, simple installation

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

Discover the EKDB10 plastic waterproof distribution boxes, crafted from top-grade ABS and PC materials.

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

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

The connecting wires in water tight electrical box should be insulated and the joints should not be loose. There should

General Technical Particulars for LT Distribution Boxes : - The L.T. Distribution Boxes should be of the dimensions as per the

ZCEBOX manufactures IP65 & IP66 waterproof distribution boxes for outdoor and industrial applications.

This document provides specifications for various types of plastic distribution boxes, including their

IP65 waterproof distribution box for outdoor installs. Plastic ABS/PC, DIN-rail ready, clean wiring, customization available.

Selected sizes accept short rail sections for breakers, relays, or terminals--effectively making a DIN rail

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

