

Specifications and Models of Waterproof Distribution Box



Article Overview

Waterproof distribution boxes are IP65–IP68 rated enclosures designed to protect electrical circuits from water, dust, and UV exposure, available in multiple series and configurations for industrial, commercial, and outdoor applications.

Key Specifications

- Ingress Protection (IP Rating): Most waterproof distribution boxes are rated IP65 to IP68, ensuring protection against dust and water jets, with some models capable of temporary immersion in water up to 1 meter for 30 minutes (IEC 60529) .
- Materials: Commonly made from ABS or polycarbonate (PC) plastics, offering UV resistance, mechanical strength, and lightweight durability for field installations .
- Flammability: Housing plastics are evaluated per UL 94 standards for fire safety .
- Mounting Options: Many boxes support DIN rail mounting for MCBs, RCDs, RCBOs, and other modular components .
- Layers and Ways: Available in single, double, or triple layers, with module counts ranging from 4 to 39 ways, suitable for lighting, control circuits, solar PV, and industrial applications .
- Sealing: Compression gaskets maintain waterproofing even after repeated openings, and knock-out entries support cable glands for secure connections .
- Standards Compliance: Designed to meet IEC 60529, IEC 60695-2-10, IEC 62262, and often CE/TUV certified .

Popular Models and Series...

Article Content

Mar 16, 2026

Waterproof Distribution Box Manufacturer | IP65/IP66 PC & ABS ...

All SELHOT distribution boxes are manufactured in our ISO 9001 certified facility and tested per IEC 60529 (ingress

Mar 02, 2026

EKDB10 IP65 Waterproof Distribution Box | Industrial

EKDB10 Series IP65 waterproof distribution boxes offer premium protection for electrical

Feb 06, 2026

Waterproof Distribution Box Manufacturer | IP65/IP66 PC & ABS ...

Product Range Waterproof Distribution Box Series 14 enclosure families across four application groups — outdoor

Jul 05, 2026

Waterproof Distribution Box | QuiSure

VDB-C series waterproof distribution box is made of PC material, with waterproof enclosed structure, lead seal design and padlock

Mar 23, 2026

Waterproof Distribution box

Product Specifications Waterproof Distribution box -HPC Waterproof Distribution Box Specifications Model HPC-4, HPC-6, HPC-9,

Feb 24, 2026

Frp Waterproof Electrical Distribution Box: Structure, Specifications ...

Types of FRP Waterproof Electrical Distribution Boxes A FRP (Fiberglass Reinforced Plastic) waterproof electrical

Oct 04, 2025

Waterproof Distribution Box

Our products boast customizable materials and dimensions, ensuring a tailored experience. With a range of materials to choose from

Jan 02, 2026

Waterproof Distribution Box | IP65 & IP66 Rated

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

Oct 28, 2025

DB4 Series Waterproof Distribution Boxes Datasheet & Manual

The DB4 Series Waterproof Distribution Boxes offer secure, flame-retardant enclosures with prefabricated rails and

Feb 01, 2026

Distribution Box Specifications And Models

3. Other common distribution boxes XL, GXL series: Low-voltage distribution cabinets,

Nov 10, 2025

Final_product_book_12_curve

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

Dec 14, 2025

What are the models of waterproof distribution boxes?

Waterproof distribution boxes come in various models, typically classified based on size, installation method, material, protection

Feb 26, 2026

HA IP65 Waterproof Distribution Box | 4-54 Way

Compare HA IP65 waterproof distribution boxes for outdoor electrical projects. Confirm way count,

May 01, 2026

DB4 series waterproof distribution box

Download DB4 series waterproof distribution box datasheet, manual, and related Final Distribution Box product catalogs from CHINT

Oct 30, 2025

What is a waterproof outdoor distribution box

A waterproof outdoor distribution box shields electrical connections from water, dust, and weather,

Jul 10, 2026

Waterproof Distribution Box WPN | IP65 Clear Door DIN

The WPN Waterproof Distribution Box is a surface-mount enclosure using a rigid ABS body with a smoked

Sep 14, 2025

IP65 ABS Distribution Protection Box,12 Way Waterproof Circuit

Model: HT 12W Material: ABS + PC Waterproof Rating: IP65 Size: Approx. 255 x 200 x 110mm / 10 x 7.9 x 4.3in (Length x width x

Mar 15, 2026

Waterproof Distribution Box — WPN Series (IP65)

WPN Waterproof Distribution Box with ABS body, smoked PC door and DIN rail. IP65, CE & RoHS. Single

May 21, 2026

IP65 Waterproof Junction Box Specs | PDF

IP65 Waterproof Junction Box Specs The document describes a line of plastic junction boxes that are waterproof to IP65 standards.

Apr 19, 2026

Key Technical Parameters For Waterproof Distribution Box

Selecting the right waterproof distribution box involves more than just picking a plastic shell. Technical data points

May 08, 2026

2 Way Breaker Box, IP65 Waterproof DIN Rail Enclosure | IP65 waterproof ...

About this item IP65 Waterproof: Our 2 din rail distribution protection box and 2 way breaker box shell are made of ABS materials.

Sep 13, 2025

Waterproof Distribution Box | IP65 Plastic DIN Rail

Each enclosure delivers dependable IP65–IP68 sealing for outdoor and industrial use, with options for

Nov 30, 2025

EKDB10 Distribution Box | IP65 Plastic Waterpro

Discover EKDB10 IP65 waterproof distribution boxes made of durable PC plastic.
Available in 4-39 ways,

Apr 10, 2026

EKDB10 Durable IP65 Rated Waterproof Distribution

These boxes offer ample wiring space and boast an IP65 protection level, making them ideal for various

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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