

Rainproof Distribution Box Product Specifications



AI Overview

Rainproof distribution boxes are designed to protect electrical components from water, dust, and environmental exposure, typically featuring IP65–IP68 ratings, durable materials like stainless steel or UV-stabilized plastics, and various sizes for industrial or outdoor use.

Key Specifications

Ingress Protection (IP Rating): Most rainproof distribution boxes are rated IP65 to IP68, ensuring protection against dust and water jets or temporary immersion, compliant with IEC 60529 standards . **Materials:**

- **Plastic (ABS/Polycarbonate/PC):** Lightweight, UV-stabilized, impact-resistant, suitable for outdoor installations exposed to sunlight .
- **Stainless Steel:** High corrosion resistance, durable for harsh environments, often used in industrial or coastal areas .
- Dimensions and Capacity:**
 - Common sizes include 400×500×250mm (BXG series) and 300×400×170mm (SM series), providing space for panels, switches, and control systems .
 - Plastic boxes may offer modular configurations with 4–39 ways and single, double, or triple layers for flexible wiring .
- Design Features:**
 - **Inner and Outer Doors:** Enhance security and prevent unauthorized access while maintaining rainproof protection .
 - **DIN Rail Compatibility:** Many plastic boxes support DIN rail mounting for modular electrical components

Article Content

Jan 06, 2026

EKDB10 Durable IP65 Rated Waterproof Distribution

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

Nov 08, 2025

9 Way Outdoor Breaker Box IP65 ABS Plastic Din Rail Power Distribution ...

Offer an essential addition to your home by choosing this Lukyamzn Outdoor Breaker Box IP Plastic Din Rail Power Distribution

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NEMA 3R Electrical Enclosures

Nema Enclosures manufactures NEMA 3R enclosures for housing power distribution, lighting contractors,

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Waterproof Distribution Box | IP65 Plastic DIN Rail

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

Apr 01, 2026

Rainproof Distribution Box

Designed with durability in mind, this weather-resistant box ensures optimal performance in any outdoor setting. Made from high

Feb 27, 2026

TECHNICAL SPECIFICATION FOR LT DISTRIBUTION BOX

L.T. DISTRIBUTION BOX FOR 100KVA 33/0.4 KV Transformer (3 phase, 200A) 1.
DESCRIPTION OF MATERIALS:-The L.T.

Jan 20, 2026

Portable Power Distribution Units & Boxes| LEX Products

Lex products portable power distribution units have NEMA 3R, 3R Weather Resistant or 3R Rainproof

Jul 11, 2026

Distribution Box

Our distribution boxes are perfect for industrial environments, catering to automation, robotics, and processing facilities. They provide

May 01, 2026

Outdoor Electrical Distribution Box Specifications: NEC

Complete specification guide for outdoor electrical distribution boxes covering NEC Article

Jan 08, 2026

OEM HA Waterproof Distribution Box Supplier, Factory | Byson

HA series waterproof distribution box offers 4way, 8way, 12way, 18way, 24way, and 36way configurations. Made from durable

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TECHNICAL SPECIFICATION

Description: Plastic junction boxes with different shapes and dimensions. Designed for cable lines extension or tapping at cable

Nov 28, 2025

IP65 Metal Distribution Box Waterproof Power Supply Box Steel

Product Description GD-JXF series foundation box products all use cold-rolled steel plates, and the surface is treated with epoxy

Jan 10, 2026

Merlin Gerin Stainless Steel Rainproof Box BXG/400×500×250 ...

Crafted from high-quality stainless steel, this box offers superior corrosion resistance, ensuring long-term reliability and durability in

Feb 23, 2026

SMC FRP Outdoor Weatherproof Cable Distribution

Product description This series of low-voltage cable junction boxes are used in power systems with a rated

Apr 03, 2026

Waterproof Distribution Box (IP65-IP68)

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

May 11, 2026

Weatherproof Stainless Steel Distribution Box IP-Rated

Stainless steel distribution box for safe electrical distribution. IP-rated, lockable, corrosion-resistant and suitable for industrial

Jun 13, 2026

Merlin Gerin Stainless Steel Rainproof Box BXG/400×500×250 ...

Shop the Merlin Gerin Stainless Steel BXG/400×500×250 Rainproof Box for superior protection of electrical components. Durable,

May 29, 2026

Electrical Box, Rainproof Electrical Project Enclosure ...

Product Description Waterproof Electrical Enclosure: The electrical enclosure of this waterproof junction box is designed to be

Apr 04, 2026

Rainproof Distribution Box

Introducing our Rainproof Distribution Box, the perfect solution for protecting your electrical connections from the elements. Designed

Feb 07, 2026

EKDB10 Distribution Box | IP65 Plastic Waterpro

EKDB10 Distribution Box | IP65 Plastic Waterpro Discover EKDB10 IP65 waterproof distribution boxes

Nov 15, 2025

Weatherproof Boxes | Electrical Boxes | Wiring Devices

Weatherproof Two Gang Box, Gray WPBD452 Pass and Seymour 2 Gang Deep - 5 Hole 1-in, 37 Cu. In. with Threaded Holes See

Jul 16, 2026

High Quality Custom Stainless Steel Rainproof Box Outdoor

Zhejiang Ouyue Electric Co., Ltd. is a Chinese electrical component manufacturer established in 2018, specializing in distribution

Jul 29, 2025

Waterproof Distribution Box | IP65 & IP66 Rated

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

Jun 09, 2026

DB4 Series

Waterproof Distribution Box 1. Overview Waterproof, dust proof, ingress protection IP65, UV resistant, and a scorching wire

May 13, 2026

Type 3R Rainproof Boxes

Type 3R Rainproof Boxes - AB-666RB Description Austin rainproof boxes are Underwriters Laboratories Listed for Wiring or Junction

Jan 17, 2026

Weatherproof Stainless Steel Distribution Box

Unparalleled protection for electrical components. Durable 201 or 304 Stainless Steel construction. High

Feb 17, 2026

Vcro-1006030 Cabinet Outdoor 201/304 Rainproof Stainless Steel ...

OUTDOOR RAINPROOF DISTRIBUTION BOX The outdoor rainproof distribution box is a distribution box that requires switchgear,

Apr 06, 2026

W37 IP65 Indoor/Outdoor Distribution Box

W37 IP54 Distribution Box This IP54 distribution box offers the ability to terminate 4 fibers housed in a robust ABS enclosure for

Aug 07, 2025

Merlin gerin Stainless steel rainproof distribution box SM series SM ...

Designed with a sleek stainless steel body and equipped with rainproof features, this distribution box is perfect for various

Dec 17, 2025

SELECT YOUR DISTRIBUTIONSYSTEM

Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical

Mar 05, 2026

Customizable IP54 Outdoor Rainproof Distribution Box Shell Cold

Product Description Specification ... Selling Point 1.Enhanced Durability and Stability:
The Customizable IP30 Outdoor Rainproof

Feb 23, 2026

Waterproof Electrical Distribution Box, SHPN Series

The Waterproof Electrical Distribution Box, with its high-definition transparent cover, is a transparent panel that not only allows for

Contact Us

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