

Splash-proof box for electrical distribution

Article Overview

Splash-proof electrical distribution boxes protect components from water, dust, and environmental hazards, making them ideal for outdoor and industrial installations.

Key Features

Ingress Protection (IP) Ratings: Look for boxes rated IP65 or IP66, which ensure protection against water splashes, jets, and dust ingress, suitable for outdoor and industrial environments . Some models even reach IP68 for temporary submersion .
Materials: Common materials include aluminum, polycarbonate, and ABS plastic. Aluminum offers durability and corrosion resistance, while plastic enclosures are lightweight, UV-stabilized, and easier to install .
Mounting and Internal Layout: Wall-mounted boxes are common for easy access and maintenance. Many enclosures support DIN rails for modular electrical components, allowing organized wiring and terminal installation . Internal space varies from compact models for small circuits to larger boxes for multiple terminals or breakers .
Environmental Protection: Splash-proof boxes often include gaskets and sealed lids to prevent water and dust ingress. Some models are also resistant to UV exposure, corrosion, and extreme temperatures, ensuring long-term reliability outdoors .
Applications: These boxes are suitable for residential, commercial, and industrial installations, including solar systems, pumps, lighting, and outdoor power distribution . They can house circuit breakers, terminals, and other electrical components safely.

Recommendations...

Article Content

Dec 07, 2025

Outdoor Waterproof Power Distribution Box

Designed for switchboards and electrical panels, this robust enclosure ensures maximum protection

Jan 08, 2026

Outdoor Electrical Enclosures – Weatherproof NEMA

Browse our durable lineup of outdoor electrical enclosures designed to protect sensitive components from

Nov 17, 2025

KAMCON MCB Distribution Board Weatherproof IP 65 Suitable for

KAMCON MCB Distribution Board Weatherproof IP 65 Suitable for Outdoor use
Waterproof PVC Enclosure with Cover Against

Aug 18, 2025

Power Distribution Box 110V,IP65 Weatherproof Breaker Box

Power Distribution Box 1. The power socket distribution box is made of high-quality ABS plastic, which is waterproof and dustproof. 2.

May 30, 2026

Metal Enclosures, Cabinets & Box Manufacturer

Saipwell specializes in custom Metal Enclosures, Cabinets, Boxes, and NEMA Enclosures. We offer fast production, flexible

Jun 11, 2026

Weatherproof Electrical Boxes

Weatherproof electrical boxes withstand rain, snow, moisture, and outdoor elements. Electricians and contractors use these boxes to

Nov 14, 2025

TICONN Outdoor Electrical Box, IP54 Splash-Proof Outdoor ...

Easy to Use: This electrical outlet box opens or closes easily with lockable clips. Place the power connections inside and secure the

Jun 07, 2026

NEMA Ratings for Enclosures

NEMA 3R Enclosures Designed for outdoor use, offering protection against rain and sleet. Commonly used for housing power

Sep 10, 2025

Waterproof Distribution Box Series

Selhot Electric offers factory-direct IP65/IP67 waterproof distribution boxes. UV-resistant PC/ABS material, CE/TUV

Jul 03, 2026

DISTRIBUTION BOX

VIOX: Leading manufacturer of premium distribution boards and electrical panels. Custom solutions for

Aug 22, 2025

MCB Distribution Board

MCB Distribution Board Spelsberg Modular Distribution Boards marketed by Cape Electric are made from halogen free Fiber

May 30, 2026

Splash Proof Electrical Switch Box for Damp Environments

This high-quality electrical switch box is designed to provide superior protection for switches and outlets against water splashes and

Sep 02, 2025

Waterproof Distribution Box | IP65 Plastic DIN Rail

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

Jun 10, 2026

Outdoor Waterproof Enclosure Box – TSM Series

The TSM Series Plastic Distribution Box is designed to provide safe, reliable, and aesthetic housing for

Sep 24, 2025

MAKERELE 4 Way IP66 Waterproof Outdoor Circuit Breaker Distribution Box ...

The Outdoor Breaker Box Distribution Protection Box is a high-quality and durable option for safeguarding your electrical equipment

Apr 18, 2026

DEARMAMY Waterproof Stainless Steel Electric Box Outdoor

- An indispensable junction box for anyone who wants to ensure the reliability of the electrical system of their home. Waterproof

Jun 11, 2026

Eagle Outdoor IP54 Rated Splash Proof Water Resistant Electrical ...

Product description This IP54 rated electrical connection box offers a safe and simple way to house multiple outdoor connections,

Jul 29, 2025

Waterproof Distribution Box

Stainless Steel Electrical Enclosure Outdoor Metal Enclosure Metal Junction Box
Vertical Distribution Box Waterproof Distribution

Sep 20, 2025

Lwuey 2 Way Breaker Box, IP65 Waterproof DIN Rail

The outdoor distribution junction box and enclosure for din rail are suitable for indoor electrical,

Jan 23, 2026

Outdoor Junction Boxes & Weatherproof Enclosures | Daier

Protect your outdoor electrical connections from rain, snow, sun & dust with our durable, UL Listed Daier outdoor junction boxes.

Oct 29, 2025

Outdoor Waterproof Power Distribution Box

Discover our Outdoor Waterproof Power Distribution Box, expertly crafted from durable Stainless Steel

May 13, 2026

Distribution enclosure, Distribution box

Find your distribution enclosure easily amongst the 110 products from the leading brands (RITTAL,

Oct 19, 2025

Waterproof Electrical Distribution Box, SHPN Series

The Waterproof Electrical Distribution Box, with its high-definition transparent cover, is a transparent panel

Apr 05, 2026

Outdoor Waterproof Junction Box with Terminals Plastic

Outdoor Waterproof Junction Box with Terminals Plastic Waterproof Box IP66 Outdoor Splash-Proof Box

Feb 22, 2026

Waterproof Distribution Box (IP65–IP68)

Explore our curated selection of waterproof distribution box models from the AT and HT series. Each

Nov 17, 2025

Electrical Outlet Box, Breaker Electrical Box, with IP44 NEMA 5-20 ...

Electrical Outlet Box, Breaker Electrical Box, with IP44 NEMA 5-20 Power Outlet Box, Dustproof and Splash Proof Electrical Box,

Jun 12, 2026

5 Way Circuit Breaker Box, IP65 Distribution Protection

CIRCUIT BREAKERS PROTECTION: IP65 rated din rail box can effectively block splash water, rain, dust,

Nov 22, 2025

Circuit Breaker Distribution Box Electrical, Outdoor ...

Circuit Breaker Distribution Box Electrical, Outdoor Waterproof 5 Hole Distribution Box Cover Transparent Project for 5 Ways Indoor

Aug 06, 2025

Electrical Distribution Boxes for Power Distribution

The Wieland distribution boxes, in compliance to IEC 61439, together with our installation connector

Aug 25, 2025

Yellow Distribution Box (16A 4 Way) 230V – Reliable

Ensure safe and efficient power distribution with our Yellow Distribution Box (16A 4 Way) 230V. This

Aug 22, 2025

Waterproof DB Box

A waterproof db box serves as an essential protective enclosure designed to safeguard electrical distribution equipment, circuit

Sep 06, 2025

Daystar Solution (5 Way-SafeX) MCB Distribution Board

Daystar Solution (5 Way-SafeX) MCB Distribution Board | Weatherproof IP 65 | Suitable for Outdoor use Waterproof PVC Enclosure

Feb 15, 2026

BX Series Splashproof Boxes

BX Series Splashproof Boxes Provides for secure, protected wiring connections in wheel house or below decks and engine rooms.

Nov 01, 2025

Weatherproof IP66 GRP enclosures for electrical

Weatherproof IP66 GRP enclosures for electrical distribution. Customer focused design for all applications

Jan 27, 2026

water proof electrical boxes

Water proof electrical boxes are non-negotiable for wiring near water. They lock out moisture, preventing shorts and

Mar 13, 2026

9 Way Outdoor Breaker Box IP65 ABS Plastic Din Rail

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

Feb 08, 2026

Waterproof Box

Whether you need a waterproof distribution box, an aluminium waterproof box, a plastic waterproof box or

Feb 06, 2026

Waterproof Distribution Box | IP65 & IP66 Rated

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

Feb 04, 2026

Lurrose Stainless Steel Weatherproof Junction Box Outdoor Electrical ...

Weather proof electrical boxes--this distribution box can be used in offices,, hospitals, and residential

Contact Us

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

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

