

Price of Waterproof Track Distribution Box



Overview

IP65 Waterproof 2-Way Distribution Box with DIN Rail □IP65 Waterproof□Our circuit breaker protective box shell is made of ABS materials, and is IP65 engine.

Key Takeaways

Waterproof track distribution boxes typically range from \$20 to \$200 or more, depending on size, material, IP rating, and customization options.

Waterproof distribution boxes are designed for outdoor and industrial use, providing protection against dust, rain, and UV exposure with IP65–IP68 ratings . Prices vary based on number of ways (circuits), layers, and material—common options include ABS or polycarbonate plastic housings, with DIN rail configurations for modular wiring . For example, a 12-way ABS IP65 box suitable for indoor/outdoor use may cost around \$25–\$50 on retail platforms . Larger or multi-layer boxes for industrial or photovoltaic applications can cost \$100–\$200 or more .

Factors Affecting Price

- Size and Number of Circuits: Boxes with more ways (e.g., 4–39 ways) or multiple layers are more expensive .
- Material: ABS and polycarbonate offer durability and UV resistance; polycarbonate tends to be pricier .
- IP Rating: Higher ingress protection (IP66 vs IP65) increases cost due to enhanced sealing and gaskets .

- Customization: Pre-assembled solutions, bulk orders, or specific DIN rail layouts can raise the price .
- Application: Outdoor, industrial, or photovoltaic-rated boxes often carry a premium compared to standard indoor units .

Additional Considerations

When budgeting, include installation costs and potential accessories such as mounting brackets, terminal blocks, or surge protection. Investing in a high-quality waterproof distribution box ensures long-term reliability, reduces maintenance, and protects electrical systems in harsh environments . For precise pricing, it is recommended to contact suppliers directly for quotes based on your required size, IP rating, and customization needs .

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

