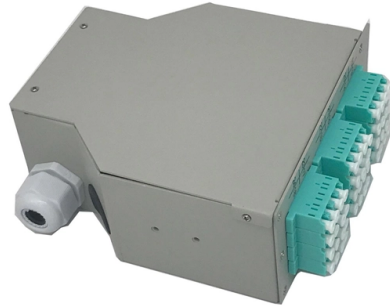


Distribution box IP52



Article Overview

An IP52 distribution box provides protection against limited dust ingress and vertically dripping water, making it suitable for indoor or semi-protected environments.

Understanding IP52 Rating

The IP (Ingress Protection) code defines the level of protection an enclosure offers against solids and liquids. For IP52:

- First digit (5): Dust-protected. Some dust may enter, but it will not interfere with the operation of the equipment.
- Second digit (2): Protection against vertically dripping water when the enclosure is tilted up to 15° from its normal position . This means an IP52 distribution box is not fully waterproof but can handle minor water exposure, such as condensation or light drips, and is suitable for indoor or sheltered installations.

Applications

IP52 distribution boxes are commonly used in:

- Indoor electrical installations where dust and occasional water drips may occur, such as workshops, utility rooms, or industrial floors .
- Decentralized power and signal distribution in smart buildings, automation systems, or control panels .
- Low-voltage (LT) distribution boards for AC or DC circuits, including solar ACDB/D...

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Contact Us

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