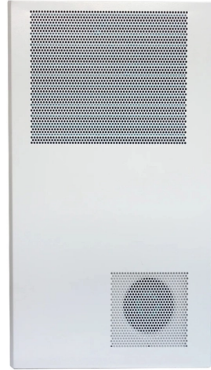


Distribution Box Identification Type



AI Overview

Distribution boxes (DB boxes) are classified by installation method, power phase, and application, including indoor/outdoor, surface/flush mounted, single-phase/three-phase, and specialized control or lighting boxes.

Classification by Installation Environment

- Indoor Distribution Boxes: Designed for protected environments like homes, offices, and utility rooms, where exposure to rain, dust, or harsh weather is minimal .
- Outdoor Distribution Boxes: Built for exposed environments, such as street lighting or utility installations, requiring robust enclosures and appropriate IP protection ratings .

Classification by Mounting Method

- Surface Mounted DB Boxes: Installed directly on walls, suitable for retrofits and industrial settings .
- Flush Mounted DB Boxes: Embedded into walls for a clean, aesthetic appearance, commonly used in residential and commercial buildings .
- Pole Mounted DB Boxes: Designed for outdoor applications, including street lighting and utility poles .

Classification by Power Phase

- Single-Phase DB Boxes: Typically used in residential properties and small commercial loads, distributing standard household voltage

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Two provided with box. One set provided with box. Dimensions are shown in mm (in.). (1) Replace x with 1 [1 m (3.28 ft)], 2 [2 m

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Distribution boxes (DB), also known as distribution boards, are essential for safely

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