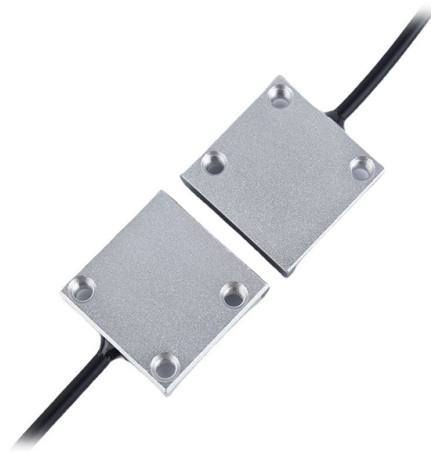


Various models of distribution boxes for smart buildings



Article Overview

Distribution boxes for smart buildings range from low-voltage fixed and withdrawable switchgear to modular, decentralized, and IoT-enabled smart panels, designed for flexible, safe, and efficient power and signal distribution.

Types of Distribution Boxes

1. Low-Voltage Fixed Switchgear

- GGD Series: High breaking capacity, stable performance, AC 50Hz, rated voltage 380V; commonly used in substations and power plants.
 - GDH Series: Similar to GGD, with manufacturer-specific parameters.
 - PGL Series: Stable low-voltage distribution for various applications requiring reliable power supply .
- #### 2. Low-Voltage Withdrawable Switchgear
- GCK Series: Composed of power distribution center cabinets and motor control centers, AC 60Hz, working voltage ~660V; suitable for motor control and lighting equipment.
 - GCS Series: AC 50Hz, rated voltage 400V; used in power plants, high-rise buildings, and industrial facilities.
 - MNS Series: Compact, stable, widely used in low-voltage distribution for industrial, commercial, and hotel applications .
- #### 3. Modular and Decentralized Distribution Boxes
- Support IP67 protection, robust materials, and modular enclosures for flexible power and signal distribution.
 - Variants include sensor-actuator M8/M12 distributors, EX zone-rated boxes, and Fi...

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