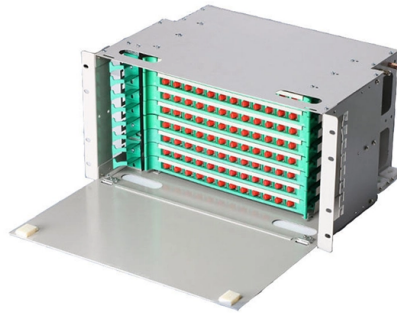


Price of drawer-type electrical distribution boxes



AI Overview

Drawer-type electrical distribution boxes typically range from a few hundred to several thousand dollars depending on capacity, voltage, and features. Drawer-type distribution boxes, also known as GCK or low-voltage switchgear, are modular cabinets designed for AC three-phase five-wire systems with rated voltages of 400V, 660V, or 800V and currents up to 6300A. They are widely used in power plants, substations, industrial facilities, hotels, airports, and new energy projects for power distribution, control, and energy management.

Factors Affecting Price

- Capacity and Voltage Rating:** Higher rated current and voltage systems cost more due to larger busbars, stronger insulation, and enhanced safety features.
- Number of Drawers and Circuits:** More drawers or circuit modules increase the price because of additional components and modularity.
- Material and Construction:** Cabinets made from high-strength steel or flame-retardant plastics, with ventilation and separation between chambers, are more expensive.
- Features and Accessories:** Options like capacitor compensation, surge protection, advanced monitoring, and integration with building management systems can significantly increase cost.
- Application Type:** Industrial-grade units for heavy-duty use are pricier than residential or small commercial units.
- Customization:** OEM/ODM customization, including specific layouts or functional units, adds to the price.

Price Range

- Small residential or light commercial drawer-type boxes:** Typically \$300–\$1,000 depending on circuits and amperage.
- Medium industrial units:** Usually \$1,000–\$5,000, offering higher current capacity and modularity.
- Large industrial or substation-grade units:** Can exceed \$10,000, especially for high-current, multi-drawer configurations with advanced monitoring and safety features.

Additional Considerations Installation, maintenance, and compli...

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