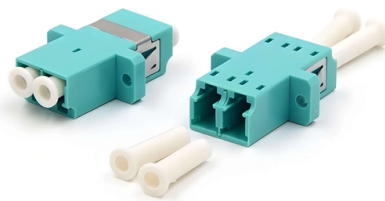


Specifications and Models of Electrical Distribution Boxes for Construction Sites in Benin



Article Overview

Construction site electrical distribution boxes in Benin are typically classified by voltage level, IP protection rating, and intended environment, with common types including 15 kV to 63 kV medium-voltage boxes and IP55-rated low-voltage boxes for site use.

Overview

Electrical distribution boxes, also called power distribution boxes, are essential for safely distributing electricity to multiple circuits on construction sites. They are designed to organize, protect, and control electrical connections while ensuring safety for workers and equipment. On construction sites in Benin, these boxes are used to supply power to machinery, lighting, and temporary facilities.

Classification by Voltage

Distribution boxes are classified according to the voltage levels they handle:

- Low-voltage boxes (230/400 V): Commonly used for powering tools, lighting, and small machinery on construction sites. These boxes often include earth leakage circuit breakers for safety.
- Medium-voltage boxes (15 kV, 20 kV, 33 kV, 63 kV): Used in larger construction pr...

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