

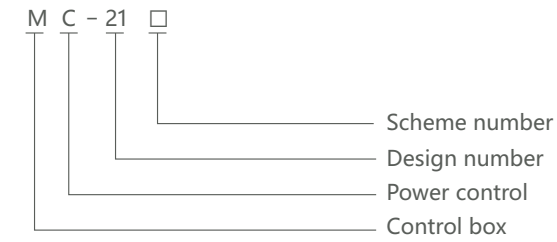
## Low Voltage Switchgear **XL** Low Voltage Power Distribution Cabinet

- The XL-21 low voltage power distribution cabinet is suitable for three-phase four-wire systems with AC voltages up to 500V. It is primarily used for power distribution purposes in power plants, industrial and mining enterprises, high-rise buildings, and other occasions.
- The XL-21 low-voltage power distribution cabinet is securely wall-mounted and allows for front-panel maintenance and inspection.

### General

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### Selection



### Operating conditions

1. Environmental Conditions1.Installation Site: Indoor;
2. Altitude: No more than 2000m.
3. Earthquake Intensity: No more than 8 degrees.
4. Ambient Temperature: No more than +40°C and no less than -15°C. Averagetemperature is no more than +35°C within 24 hours.
5. Relative Humidity: the average daily value is no more than 95%, the averagemonthly value is no more than 90%.
6. Installation locations: without fire,explosion danger, serious pollution,chemical corrosion and violent vibration.

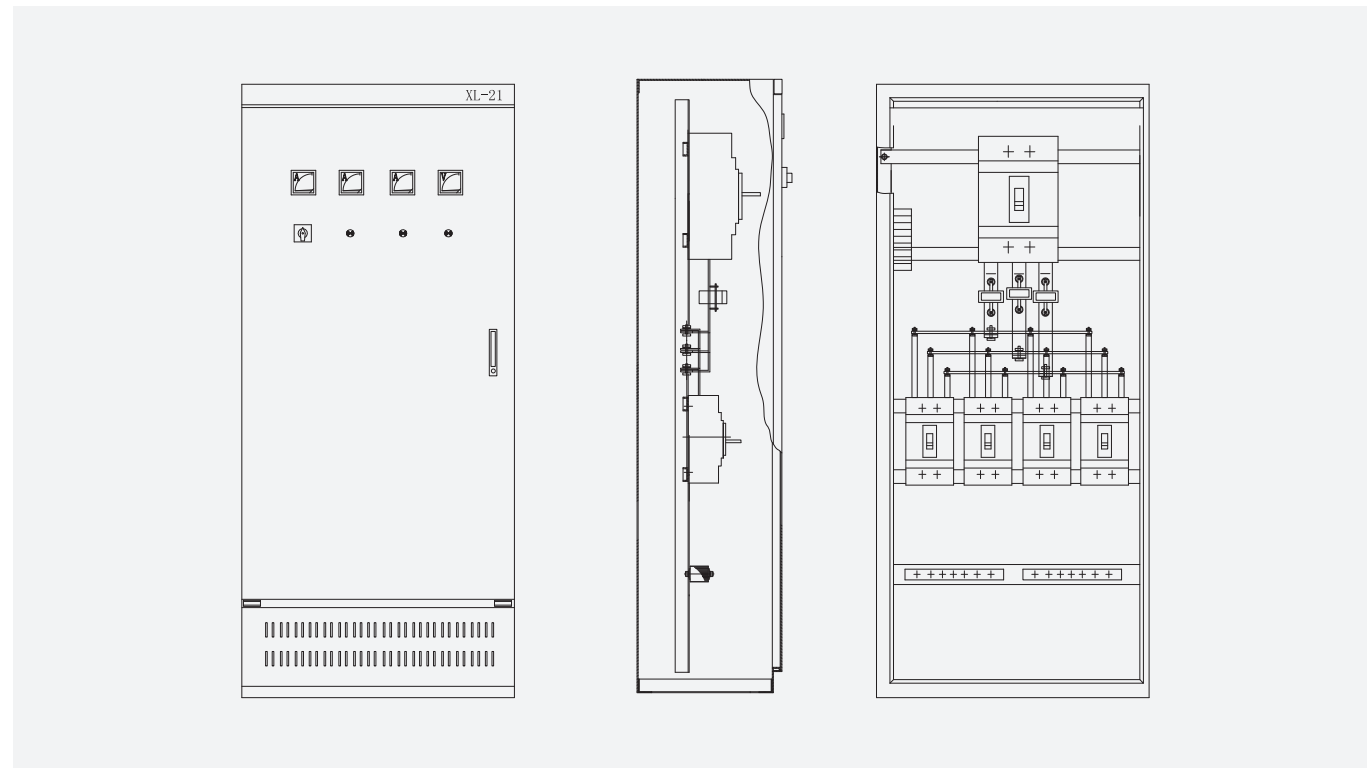
### Features

1. Harmonious and beautiful color matching.
2. Standardized design, compact structure,strong versatilty
3. The size of the box can be changed according to the demand .
4. The unique characteristic for the logo desilign.
5. Doors can be 18o opened.
6. The electric mounting plate can be dismantle separately.

### Technical data

No.	Content	Unit	Value
1	Rated Operating Voltage	V	400
2	Rated Insulation Voltage	V	690
3	Raled Frequency	Hz	50/60
4	Rated Current1min	A	≤630
5	Frequency withstand Voltage in 1min cl Aux Control Loop	kV	1.89
6	Rated Impulse 'Withstand voltage	kV	8
7	Protection Degree	IP	Ip30
8	Electrical Clearance	mm	10
9	Creepage Distance	mm	≥12.5

Schematic diagram of structure



\*: Sizes are customized as needed