

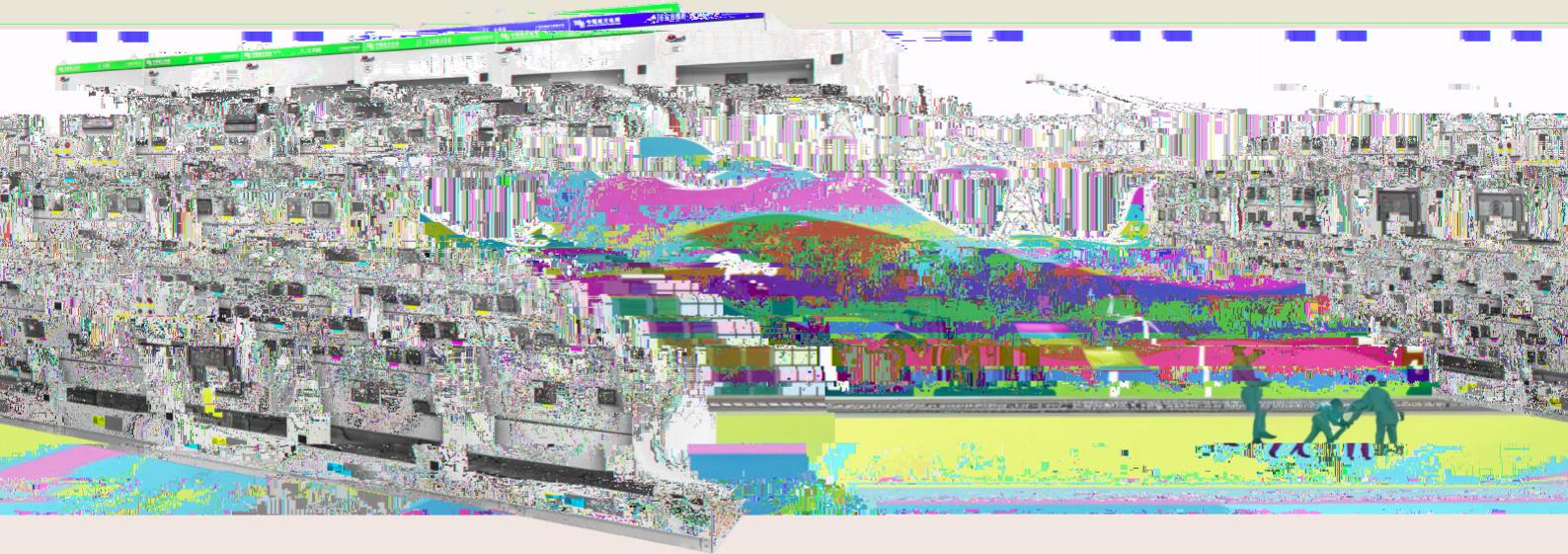


ZHENGCHAO



Z Series

Low Voltage Switchboard



Front view

Side view

Rear view

Product description

The Z series is a smart switchboard.

With a wide range of configurations,

it can meet various power distribution

needs. It features power distribution

modules that can collect and monitor

real-time data of each branch line.

It also provides remote control and testing for

plants and substations.

Smart feeder system module

800/1000mm

600/800mm

Working environment

- Indoor use with altitude no more than 2,000 meters

- Ambient temperate: -5°C(min) to 40°C(max), daily average $\leq 35^{\circ}\text{C}$. If the temperature conditions cannot be met, the operation needs to be adjusted to ensure safe operation.

- The relative humidity should not exceed 50% at the maximum temperature.

Temperature ranges from -20% to +20% of the rated ambient temperature.

Indoor use with altitude no more than 2,000 meters

Indoor use with altitude no more than 2,000 meters

Indoor use with altitude no more than 2,000 meters

Indoor use with altitude no more than 2,000 meters

- Client should negotiate with the manufacturer if the above conditions cannot be met.

Technical features

- Modular design allows for stronger versatility and more compact and flexible arrangement of cabinets
- Assembled with 8MF cold bending bar steel, the cabinet framework is reliable and easy to assemble
- Current, voltage, frequency, active power, reactive power, signal and other measurement function can be integrated in one cabinet
- Smart and safe: integrated digital modules can collect and analyze operation data, and realize control of switchgear in real time

Parameter		Parameter	
V	380(400)		Rated voltage
V	660(690)		Rated insulation voltage
A	$\leq 1,600$ (main circuit) ≤ 600 (distribution circuit, no load current)		Rated current
and current	kA	≤ 55	Rated short time withstand current
current	kA	≤ 121	Rated peak withstand current
enclosure)	/	IP 4X	Degree of protection (enclosure)
mportment)	/	P2X	Degree of protection (compartment)
Forms of separation		3A/3B	
Modular Interval		25	
Location of horizontal busbar		upper	
Pollution degree		III	

Projects

100kV Dali power transmission and transformation project

On March 2001, we have designed and manufactured configuration and transformation station.

On June 2001, we have designed and manufactured low-voltage distribution cabinet.

On July 2001, we have designed and manufactured low-voltage distribution cabinet.

We used to be a licensed partner of Schneider's 4000A, 1600A/80KA and 5000A/4000A/100K A low-voltage switchgear. Depending on client needs, we could resume our partnership and certification.

Existing products

• Guangzhou 2000A

• Guangzhou 3000A