



# Z Series

## Low Voltage Switchboard



Front view

Side view

Rear view

### Product description

Smart feeder distribution module

The Z series is a smart switchboard

with fixed modules arranged in the way

our self-developed power distribution

modules that can detect and monitor

the operation of the switchboard

and realize remote control and testing for power

plants and substations.

data collection module

data collection module

data collection module

800/1000mm 600/800mm

Smart feeder system module

### Working environment

- Indoor use with altitude no more than 2,000 meters
- Ambient temperature: -5°C(min) to 40°C(max), daily average ≤ 35°C. If the temperature conditions cannot be met, the operation needs to be adjusted according to the actual situation.
- The relative humidity should not exceed 50% at the maximum temperature of +40°C, and a higher relative humidity is allowed at lower temperatures.
- The maximum number of switching operations per hour should not exceed 1000.
- 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 arrangements
- Assembled with 8MF cold bending bar steel, the cabinet framework is reliable and easy to assemble
- Smart and safe: integrated digital modules can collect and analyze operation data (current, voltage, frequency, active power, reactive power, etc.) in real time

Unit	Data	Parameter
V	380(400)	Rated voltage
V	660(690)	Rated insulation voltage
A	≤1,600 (main circuit) ≤600 (power distribution circuit)	Rated current

Rated frequency	Hz	50	
Short-time withstand current	kA	≤55	Rated short-circuit current
Peak withstand current	kA	≤121	Rated peak current
Protection (enclosure)	/	IP 4X	Degree of protection
Protection (compartment)	/	IP 2X	Degree of protection
Forms of separation	/	3a/3b	
Modular Interval	mm	25	
Location of horizontal busbar	/	upper	
Pollution degree	/	III	

### Existing projects

- Guangzhou 200kV Dali power transmission and transformation project
- Guangzhou 200kV Dali power transmission and transformation project

models)

SS, SIVA CON RBT 2000A, 1600A/65KA, SIVA CON RBT 6300A, 1000A/100KA, 630A/80KA and 5000A, 4000A/100KA low voltage switchboard. Depending on client needs, we could meet

our partnership and certification

We used to be a licensed partner of Schneider's 4000A, 1000A, 630A, 1600A, 1600A/65KA, 630A/80KA and 5000A, 4000A/100KA low voltage switchboard.

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