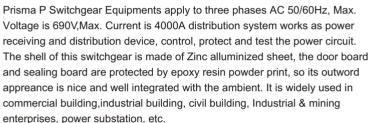
# HERG®华仪

## **Prisma**

## Summary

In order to satisfy the L.V. distribution market's requirement of high perfermance & reliability, easy maintenance and intelligentized prodcuts, we cooperate with Schneider and exploit Prisma series products with whole series standard connection scheme. All the stanard shemes of Prisma have passed the type testing, which makes sure all the products in this series operating in good relibility and safety. This product is according to GB7251.1 <<Part 1 of L.V. Switchgear equipments and Controlling Equipments: Type test and Partial Type Test of Completed set Equipments >>, IEC60439-1 <<Part 1 of L.V. Switchgear Equipments and Controlling Equipments' modules: The Modules which have been tested or patial tested by type test >>, NFEN60439.1, EN60439-1 <<Part 1 of L.V. Switchgear Controlling Equipments' Modules regulation: Combined Device which have been tested or partial tested by type test>>.





## Product feature

#### 1. Reliable Electrial Equipments:

Perfect intergration between power equipments made by Schneider and prisma system are the core element to make sure this product has high reliability.

The design of this system has passed the TTA test, and has been proved by many years experience.

According to GB7251.1,IEC 439-1,EN60439-1,NF EN60439-1 etc.

Passed the EMC test, it can fully satisfy the requirements of intelligentized controlling system's installation and usage, and it is suitable for all the indoor occasions.

2. Open ended Electrial Equipments:

The modularized designation make the Prisma Function System can extend the new functions convenienty according to the requirements.

High stanardized product, all the components are standardized, so they can be repaired and ammended very conveniently.

3. Make sure the operating workers' safety:

All the equipments are installed behind the front dismountable board, and only the operating handle is bared, avoiding the operating workers touch the live parts directly, so it is very convenient for examining and reparing. Fully make sure the operation staff and their operating safety.

4. Elegant appearance

With net printed glass door or solid slab.

Prisma ture color and electrostatic powder flame printing.

Corner 45°, elegant appearance.

Prisma P switchgear's main function designation:

#### Bus bar system designation

Special structural section make the heat cooling in max. degree, and the current in maximum grade.

Convenient installtion.

Achieves connection without any holes, so it can be repaired and changed conveniently.

It can contact all the connection points in front.

It can distribute the power to both sides through the non-conventional busbar.

Reliable prefabricate connection connected with horizontal bus bar.

## Modular designation

The Prisma P switchgear has 35 Nos. modular, each modular:

Absolute independence.

Installed in prefabricate installation board.

Protected by the front board.

The vertical height is 50 mm modular is a unit which contains: up & down wiring and auxilary wiring.

## Intelligentized designation

Complete power grid

Allocated power grid

With communication function:

Ambient condition

Altitude ≤ 2000m, indoor installtion;

Ambient temperature:-0.5°C to + 40°C, Average temperature  $\leq 35$ °C;

Ambient humidity: when the temperature is  $40^{\circ}$ C, it can be 50%, when the temerature is lower than  $40^{\circ}$ C, it can bear higher relative humidity;

Pollution degree is grade 3.

The installtion ground evenness should be less than 2mm/m.

### Technical specification

		Prisma P
	Relative	standard
Type test parts		IEC 60439-1, EN 60439-1, NF EN 60439-1, DIN 41-488, BS 5486, GB 7251-1
Inner arcing withstand		NO.68042
Protection degree		IEC 60529
Impact resistance		EN 50102
	Electric ch	aracteristic
Rated insulation voltage(V)		1000
Rated operation voltage(V)		690
Rated impluse withstand voltage		12
Over voltage type		IV
Pollution degree		3
Frequency		50/60
Main busbar	Rated current	630~4000
	Rated short time withstand current	85
	Rated peak withstand current	187
Branch busbar	Rated current	630~4000
	Rated short time withstand current	85
	Rated peak withstand current	187
	Mechanism	charactristic
Height		2025
Modular		35
Width		700/900/1100/1200
Depth		400/600/800/1000
Division type protection degree IP		20/30/31/54
Outward impact resistance IK		08