

KYN61-40.5 Indoor AC Armoured Movable High Voltage Switchgear

KYN61-40.5 indoor AC armored movable high voltage switchgear is an AC metal-enclosed switchgear which is a three-phase AC 50HZ, rated voltage 40.5KV indoor complete distribution device. As power plants, substations and industrial and mining enterprises to accept and distribute electrical energy, the circuit to play a control, protection and detection functions, but also can be used for frequent operation of the place.

The switchgear is made of high quality zinc-plated aluminum. It has the advantages of flexible operation, strong interchangeability, stability, high safety performance and high intelligence.

This switchgear conforms to IEC-298, GB/T11022-1999, GB3906-2006 and DL404-1997 and other standards.

Part I : Operating Characteristics

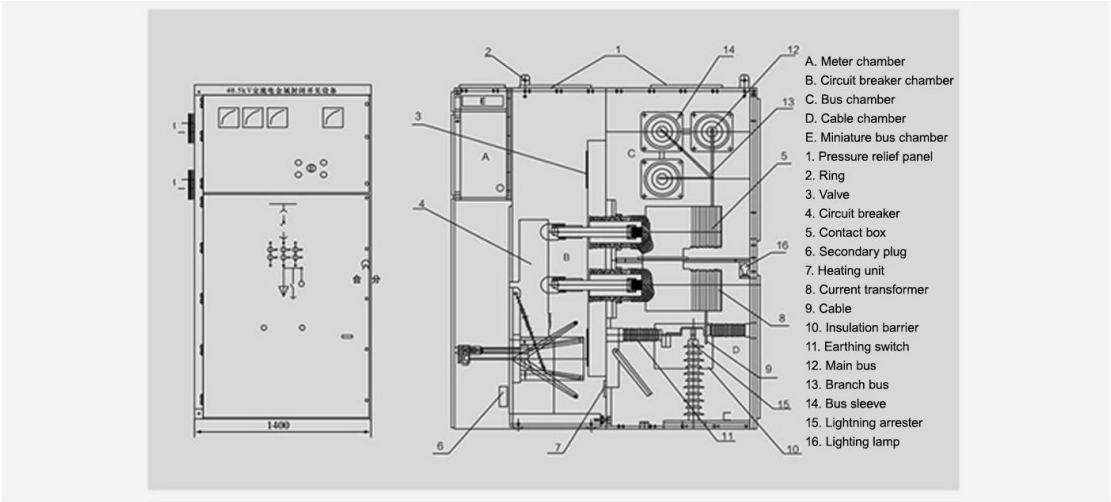
1. The upper limit of ambient temperature is +40℃ and the average value measured within 24 hours does not exceed 35℃ and the lower limit is -15℃.
2. Altitude: not more than 1000 meters above sea level.
3. Relative humidity: the daily average does not exceed 95%, the monthly average does not exceed 90%.
4. Seismic intensity: not more than 8 degrees.
5. Water vapor pressure: daily average not more than 2.2KPa, monthly average not more than 90%.

Part II: Structural Features

The switchgear is designed in accordance with GB3906-1991 and IEC298 standards for armored metal-enclosed switchgear. The whole consists of cabinet body and extractable part. The cabinet structure is assembled and assembled with bolts. The switchgear is separated into breaker room, main busbar room, cable room and relay instrument room by metal partition. The protection level of the shell reaches IP3X, the protection level of each isolation room is IP2X, and all metal structure parts are reliably grounded, and each compartment of the main circuit system has independent pressure release channels for exhaust.

1. The cabinet structure is assembled, and the circuit breaker adopts the trolley floor structure
2. Equipped with a new type of composite insulated vacuum circuit breaker, and has the characteristics of good interchangeability and simple replacement
3. The trolley frame is equipped with a screw nut propulsion mechanism, which can easily move the trolley and prevent damage to the propulsion structure by misoperation.
4. All operations can be carried out in the closed state of the cabinet door
5. The interlock between the main switch, trolley and switch cabinet door adopts compulsory mechanical locking method to meet the "five prevention" function.
6. The cable room has ample space and can be connected with multiple cables.
7. Quick grounding switch is used for grounding and circuit short circuit
8. The protection level of the shell is IP3X, and the protection level is IP2X when the door of the trolley room is open.

Part III: Switchgear Structure Diagram



Part IV: Main Technical Data

Project Name		Unit	Data
Rated Voltage		kV	40.5
Rated Current	The Rated Current of Mistress Line	A	630,1250,1600,2000
	With The Circuit Breaker Rated Current	A	630,1250,1600,2000
Rated Insulation Level	1 Min Power Frequency Withstand Voltage interplar/between fracture	kV	95/110
	Lightning Impulse Withstand Voltage(peak) interplar,between phase to the earth/between Fracture	kV	185/215
	The power frequency withstand voltage of auxiliary circuit,control circuit	V/1 min	2,000
Rated Frequency		Hz	50
Rated Short Circuit Breaking Current		kA	20,25,31.5
Rated Short-time withstand current/Rated duration of Short-Circuit		kA/4s	20,25,31.5
Rated Peak Withstand Current		kA	50,63,80
Rated Short-circuit Making Current		kA	50,63,80
Control Circuit of Rated Voltage		V	DC:110,220V AC: 110,220V
Interphase Centre Distance		mm	300
Level of Protection			IP4X
			IP2X
Weight		kg	2,400

Part V: Factory Tour

WORKPLACE



MANUFACTURE



TEST EQUIPMENT



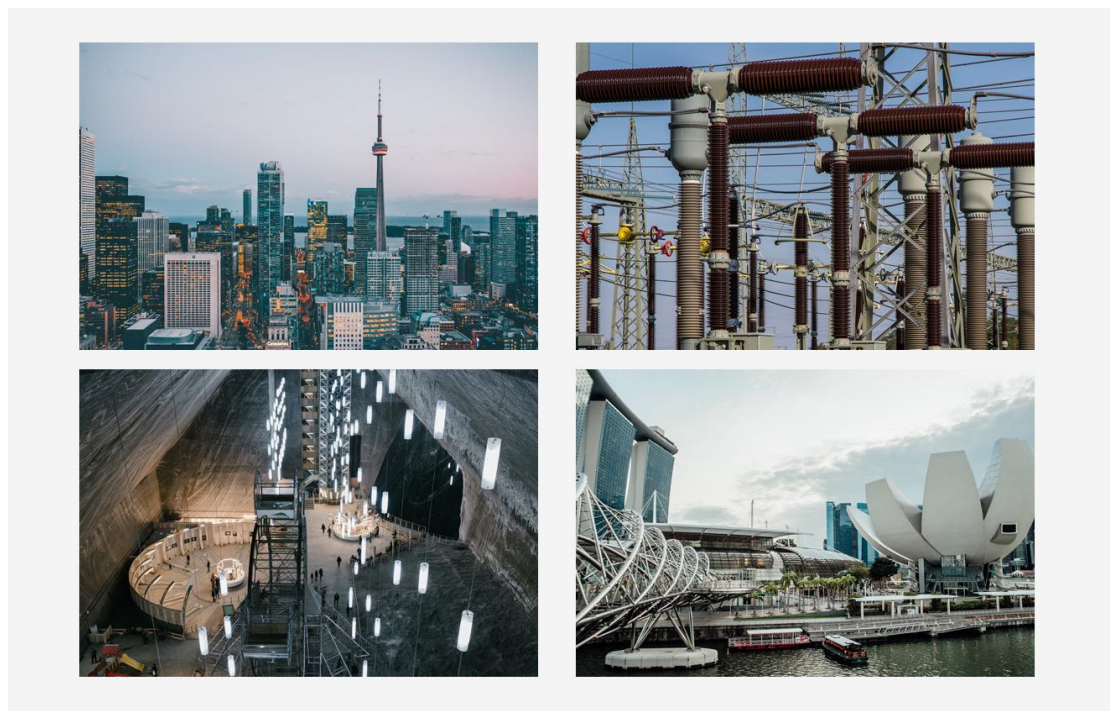
Part VI: Customized Switchgear Service

We can customize the components in the switchgear according to your needs, and recommend the use of international first-line brands such as ABB, Schneider, Siemens, etc.



Part VII: Application

Widely used in urban power grid transformation, residential communities, high-rise buildings, industrial mines, hotels, shopping malls, airports, railways, oilfields, docks, highways and temporary power facilities and other indoor and outdoor places.



Part VIII: Transaction process & Shipment



Part IX: Service Guarantee

- Quickly and professional response;
- Excellent quality with reasonable price;
- Sufficient support for our tendering representatives;
- OEM service available based on official & legal authorization;
- Strict quality control system;
- Faster lead time than our competitors;

Part X: FAQ

Q1: When can I get the price?

We usually quote within 6 hours after we get your inquiry. If you are very urgent to get the price, please call us or tell us in your email so that we will regard your inquiry priority.

Q2: Can you customize the product according to the size I need?

Yes, our factory has a professional team of engineers, we can completely design and develop products for you according to the detailed technical parameters and specifications you require.

Q3: What is the quality of your products?

Quality is our corporate culture, we regard product quality as life of our company. We have achieved a lot of certifications to meet customs requirements. We can control all process of production 100% and every single product will be tested qualified before shipping.

Q4: When can delivery from ordering?

The delivery time depend on the quantity you ordered, generally about 15-25 days after deposit of payment.

Q5: What are your terms of payment?

30% in advance 70% before shipment We can pay by TT/ LC.

Q6: How long is the warranty of your product?

Our warranty period is usually three years,. But the warranty period can be extended after discussion and agreement.