

ISO9001: 2000 Quality System Certification



KYN□-12/24 Type

Drawer-type metal clad switchgear



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General Description

KYN□-12/24 movable metalclad switchgear is a complete-set distribution device with 12kV、24kV three-phase alternating current 50/60Hz single bus-bar segment system. It's mainly used for power plant, the electric receipt and distribution of power transmission or power transformation systems, and the distribution of mining and industrial enterprises to control, keep and supervise. This product is in conformity with the standards of GB3906、11022、1984、311、IEC298、694、56.

Specification

No	Item	Unit	Parameters		
1	Rated voltage	kV	12	24	
2	Rated current	A	630、1250、1600、2000、2500、3150		
3	Rated frequency	Hz	50/60		
4	1min Power frequency withstand voltage	Common value	kV	42	50
		Across insulate distance	kV	48	60
5	Lightning impulse withstand voltage	Common value	kV	75	125
		Across insulate distance	kV	85	145
6	Power frequency withstand voltage of auxiliary control loop	kV	2		
7	Rated short circuit breaking current (virtual value)	kA	16、20、25、31.5、40	16、20、25、31.5	
8	Rated making current (peak value)	kA	40、50、63、80、100	40、50、63、80	
9	Rated dynamic stability current (peak)	kA	40、50、63、80、100	40、50、63、80	
10	Rated 4 seconds heat-stable current (virtual value)	kA	16、20、25、31.5、40	16、20、25、31.5	
11	Rated voltage of auxiliary control loop	kA	DC48 DC/AC 110、220		
12	Protection degree		Cabinet IP3X compartment, circuit breaker room door open IP2X		
13	Dimension	mm	800 (840、1000) x 1500 x 2300*		

* For 24kV product dimension may be changed

Classical Combination

KYN □ -12/24 mid-ship cabinet takes the vacuum circuit breaker of VD4、VDM6、BP1、BP2、VS1 etc. as its main switch, characters on compact structure、superior performance and high reliability.



VD4



VDM6



BP1



BP2



VS1

Service Conditions

- A. Altitude \leq 2500 meters;
- B. Ambient temperature: $-35^{\circ}\text{C} \sim +40^{\circ}\text{C}$, the max. temperature difference $\leq 25^{\circ}\text{C}$;
- C. Average value of daily relative humidity $\leq 95\%$;
- D. Average value of monthly relative humidity $\leq 90\%$;
- E. Anti-earthquake capacity: earthquake intensity ≤ 8 degree.

Test Report

