



科迅安电气
KE XUN AN DIAN QI

KYN61-40.5

铠装移开式交流金属封闭开关设备

Armored removable AC metal
Enclosed switchgear

KYN61-40.5 (Z) mounted portable AC, metal enclosed switchgear, hereinafter referred to as switchgear, is suitable for three-phase AC 50Hz power systems. It is used for receiving and distributing electrical energy in power plants, substations, and distribution rooms of industrial and mining enterprises, and for controlling, protecting, and monitoring circuits.

This product meets the standards: GB3906 《3-35KV AC Metal Enclosed Switchgear》, GB/T11022 《Common Technical Requirements for High Voltage Switchgear and Control Equipment Standards》, and IEC60298 《AC Metal Enclosed Switchgear and Control Equipment with Rated Voltages of 1KV and Below 50KV》.

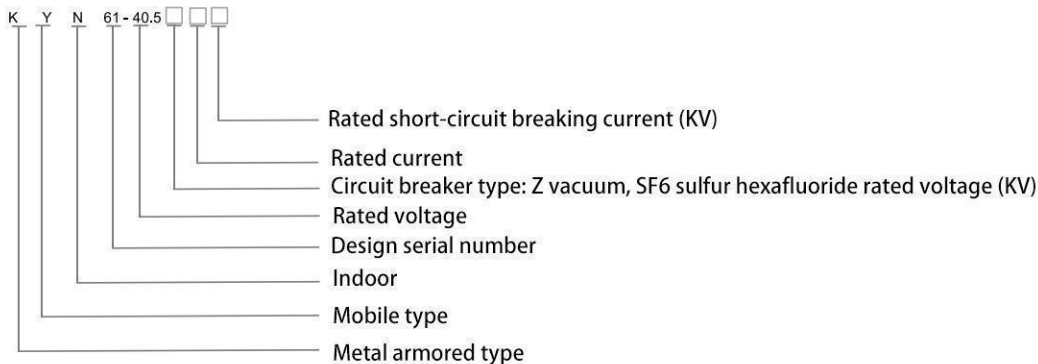


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○ 型号含义 Model meanings



○ 使用环境 Working conditions

- ◆ Surrounding air temperature: maximum temperature +40 °C, minimum temperature -10 °C
- ◆ Altitude: ≤ 1000m;
- ◆ Relative humidity around: daily average ≤ 95%, monthly average ≤ 90%

○ 技术参数 Technical parameters

Project		Unit	Parameters
Rated voltage		KV	40.5
Rated insulation level	Lightning impulse withstand voltage (full wave)	KV	185
	Power frequency withstand voltage (1min)		95
Rated frequency		HZ	50
Rated current		A	630; 1250; 1600; 2000
Rated short-circuit switching current		KV	20、25、31.5
Rated short-circuit making current		KA	50、63、80
Rated peak withstand current		KA	50、63、80
Rated short-term withstand current		KA	20、25、31.5
Shell protection level			IP4X
External dimensions (width * depth * height)	Vacuum circuit breaker cabinet body	mm	1400*2800*2600
	SF6 circuit breaker cabinet		

Project		Unit	Parameters	
			ZN85A-40.5/VD4	SF1/SF2
Rated voltage		KV	40.5	
Rated insulation level	Lightning impulse withstand voltage (full wave)	KV	185	
	Power frequency withstand voltage (1min)		95	
Rated frequency		HZ	50	
Rated current		A	1250; 1600; 2000	630; 1250; 2500
Rated short-circuit breaking time		KV	20、25、31.5	25、31.5
Rated short-circuit making current (peak)		KA	50、63、80	63、80
Rated dynamic stable current (peak)		KA	50、63、80	63、80
4s thermal stability current (peak)		KA	20、25、31.5	25、31.5 (3s)
Opening time		ms	36~60	≤45
Closing time		ms	40~90	≤75
Rated operating sequence			Open -0.35 Close Open 180s Close Open	