

HV Outdoor Vacuum Circuit Breaker Type ZW30-40.5/2000-31.5

General :

ZW30-40.5/2000-31.5 outdoor HV vacuum circuit breaker (hereinafter referred to as ZW30-40.5) can be used in the power system with rated voltage 40.5KV, rated current 2000A and three - phase AC 50HZ to protect the equipment in the industrial and mineral enterprises, power plants and substations, which can be used as a connecting circuit breaker in the workplaces of frequent operation.



This product complies with the standards of the GB1984-89 AC HV Circuit Breaker, IEC56 HV AC Circuit Breaker and JB3385-1996 3.6-40.5KV Indoor AC HV Vacuum Circuit Breakers.

Features:

Type designation:

Technical parameter:

NO	Name		Unit	Data
1	Rated voltage			40.5
2	Rated insulating level	Rated 1min power frequency withstand voltage	KV	95*
		Dry test(fracture,phase-to-phase,phase-to-earth)		
		Wet test(to earth, external insulation)		80*
		Lightning impulse withstand voltage (crest)		185*
3	Rated current		A	2000
4	Rated short-circuit breaking current		KA	31.5
5	Rated short-circuit making current(crest)			80
6	Rated operative sequence		0-0.3sCO**-180s-CO**	
7	Rated out-of-phase breaking current		KA	8
8	The rated single condenser group breaking current		A	630

9	Rated short-circuit lasting time		S	4
10	Rated short-circuit breaking times		Times	20
11	Arcing time		Ms	<20
12	Fully breaking time		Ms	<=85
13	Mechanical endurance(CO)		Times	10000
14	Rated charge pressure	Apply TD-40.5W/2000-31.5(K) Vacuum arc-chute filled with SF6	Mpa	0.02(20°C)
		Apply TD-40.5W/2000-31.5(K) Vacuum arc-chute filled with dry air and pure nitrogen		
15	Annual leakage rate		%	<=1
16	The degree of vacuum arc-chute	Arc-chute newly produced	Pa	<=1.33X10 ⁻³
		Storage period for 20 years		< 6.6X10 ⁻²

Notes for ordering:

- a. Name, type, quantity and delivery date;
- b. The color of shell;
- c. Please give specifications in details , if current transformer, lightning arrestor and others are required.