Our goal is the sea of stars!

ZHEJIANG ZHEGUI ELECTRIC CO,. LTD.

Address: No.316 Weishiyi Road , Yueqing City,
Zhejiang Province, China
ProvinceTel: 0577-62657695/626577696
Email address:service@giantele.com
Website: www.giant-electric.com

Giantele®

Dry-type Transformer



www.giant-electric.com

ZHEJIANG ZHEGUI ELECTRIC CO., LTD.

SC (B) 10 Dry transformer



Product introduction

The performance indicators of dry type transformers produced by the company meet various standards, and have been proved by users to operate reliably and reach the national advanced level. This series of products uses foreign advanced manufacturing technology, design drawings and technical documents are complete, correct and clear, advanced production equipment, stable manufacturing process, complete measurement means, providing a solid guarantee for the production of high-quality products.

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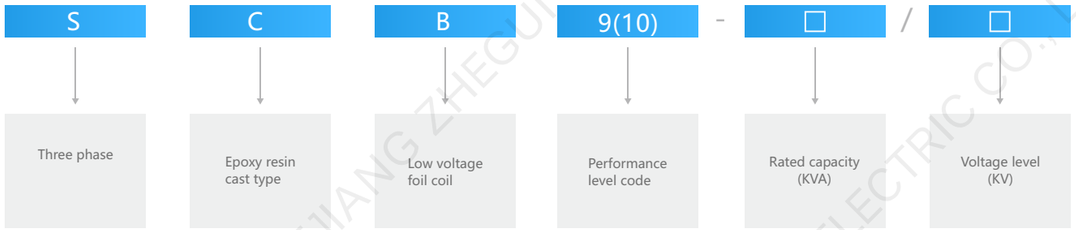
Model meaning



Environmental condition

- 1. The main performance parameters of SC(B)10 are shown in the table, and the main performance parameters of SC(B)9 are shown in the table.
- 2. Number of phases: 3 phases
- 3. Frequency: 50Hz
- 4, insulation heat resistance grade: F class
- 5, winding average temperature rise: < 100K
- 6, local discharge: less than 5Pc

Insulation level

Voltage level (kv)	Maximum operating voltage kV (effective value)	Rated short-time power frequency withstand voltage kV(RMS)/1 minute	Rated lightning impulse withstand voltage kV (peak)	
			Full wave	Clipped wave
0.4	0.46	5	75	85
10	12	35	75	
20	24	50	125	
35	42	70	170	

Model meaning(35KV)

Model number	Rated capacity	Join group label	Voltage combination (kV)			No-load loss	Load loss	No-load current	Short-circuit resistance
			High tension	Tapping range	Low pressure				
	kVA					W	W	%	%
SCB10-50	50	Yyn0 or Dyn11	35	± 2× 2.5% or +3 -1 × 2.5%	0.4	500	1360	2.8	6.0
SCB10-100	100					640	2000	2.4	
SCB10-160	160					800	2690	1.8	
SCB10-200	200					890	3180	1.8	
SCB10-250	250					1000	3640	1.6	
SCB10-315	315					1190	4320	1.6	
SCB10-400	400					1390	5180	1.4	
SCB10-500	500					1640	6360	1.4	
SCB10-630	630					1880	7360	1.2	
SCB10-800	800					2180	8640	1.2	
SCB10-1000	1000					2460	10000	0.9	
SCB10-1250	1250					2860	11910	0.9	
SCB10-1600	1600					3180	14820	0.9	
SCB10-2000	2000					3860	17460	0.9	
SCB10-2500	2500					4500	20900	0.9	

Model meaning(10KV)

Model number	Rated capacity	Join group label	Voltage combination (kV)			No-load loss	Load loss	No-load current	Short-circuit resistance
			High tension	Tapping range	Low pressure				
	kVA					W	W	%	%
SCB10-30	30	Yyn0 or Dyn11	10 6.3 6	± 2× 2.5% or +3 -1 × 2.5%	0.4	190	700	2.4	4.0
SCB10-50	50					270	990	2.4	
SCB10-80	80					360	1370	1.8	
SCB10-100	100					400	1570	1.8	
SCB10-125	125					470	1840	1.6	
SCB10-160	160					540	2120	1.6	
SCB10-200	200					620	2520	1.4	
SCB10-250	250					720	2750	1.4	
SCB10-315	315					880	3460	1.2	
SCB10-400	400					970	3980	1.2	
SCB10-500	500					1160	4870	1.2	
SCB10-630	630					1300	5950	1.0	
SCB10-800	800					1520	6950	1.0	
SCB10-1000	1000					1770	8120	1.0	
SCB10-1250	1250					2090	9690	1.0	6.0
SCB10-1600	1600					2450	11730	1.0	
SCB10-2000	2000					3050	14450	0.8	
SCB10-2500	2500					3600	17170	0.8	

Model meaning(20KV)

Model number	Rated capacity	Join group label	Voltage combination (kV)			No-load loss	Load loss	No-load current	Short-circuit resistance
			High tension	Tapping range	Low pressure				
	kVA					W	W	%	%
SCB10-50	50	Yyn0 or Dyn11	20	± 2× 2.5% or +3 -1 × 2.5%	0.4	345	1180	2.4	6.0
SCB10-100	100					545	1910	2.2	
SCB10-160	160					682	2780	1.8	
SCB10-200	200					745	2820	1.8	
SCB10-250	250					855	3280	1.6	
SCB10-315	315					980	3910	1.6	
SCB10-400	400					1165	4640	1.4	
SCB10-500	500					1365	5550	1.4	
SCB10-630	630					1545	6550	1.2	
SCB10-800	800					1775	7910	1.2	
SCB10-1000	1000					2090	9370	1.0	
SCB10-1250	1250					2410	11050	1.0	
SCB10-1600	1600					2820	13300	1.0	
SCB10-2000	2000					3280	15690	0.8	
SCB10-2500	2500					3910	18550	0.8	