



SCB10 series 11KV Dry Type Transformer

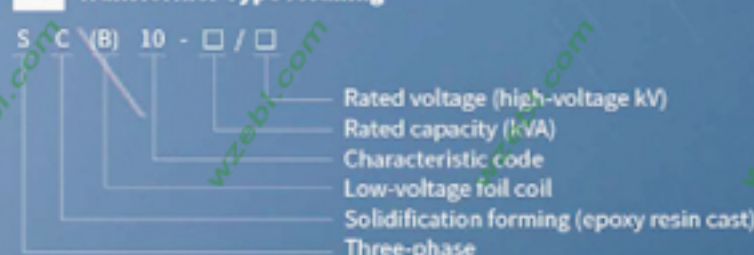
Features of Products

Dry-type transformers are widely used in local lighting, high-rise buildings, airports, wharf CNC machinery and other places. Simply speaking, dry-type transformers refer to transformers in which iron cores and windings are not immersed in insulating oil. Cooling methods are divided into natural air cooling (AN) and forced air cooling (AF). During natural air cooling, the transformer can operate continuously for a long time at rated capacity. When forced air cooling occurs, the output capacity of the transformer can be increased by 50%. Suitable for intermittent overload operation or emergency overload operation; Since the load loss and impedance voltage increase greatly during overload and are in non-economic operation, it should not be kept in continuous overload operation for a long time.

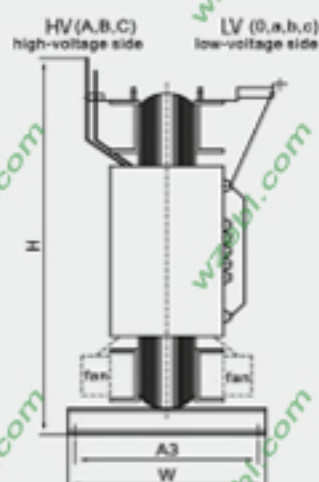
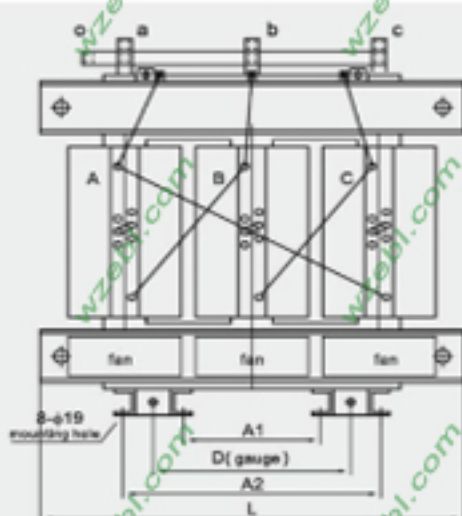
Standard

Full complied with GB/T 10228-2008; GB 1094.11-2007, IEC60076 STANDARDS

Transformer Type Meaning



SC(B)10 series 11kV cast resin insulation dry-type transformer



SC(B)10 series 11kV cast resin insulation dry-type transformer technical data

Rated capacity (kVA)	HV/LV	Vector group	Impedance voltage %	Losses (kW)		No-load current (%)	Insulating level	Weight (kg)
				No-load	Load			
10	High Voltage	Dyn11 or Yyn0	4	0.135	0.305	4.0	F/F	130
20				0.170	0.595	3.5		170
30				0.195	0.705	2.6		330
50				0.270	0.995	2.2		380
63				0.330	1.210	2.2		440
80				0.370	1.380	2.2		510
100				0.400	1.570	2.0		590
125				0.470	1.850	1.8		650
160				0.545	2.130	1.8		780
200				0.625	2.530	1.6		930
250				0.720	2.760	1.6		1040
315				0.880	3.470	1.4		1180
400				0.975	3.990	1.4		1450
500				1.160	4.880	1.4		1630
630				1.345	5.870	1.2		1900
630	Low Voltage		6	1.300	5.960	1.2		1900
800				1.520	6.955	1.2		2290
1000				1.770	8.130	1.1		2700
1250				2.090	9.690	1.1		3130
1600				2.450	11.73	1.1		3740
2000				3.320	14.45	1.0		4150
2500				4.000	17.17	1.0		4910
3150				5.140	22.50	0.8		5800
4000				5.960	27.00	0.8		7100