

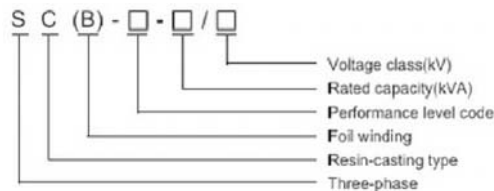
Production introduction

The dry-type transformers are casted with epoxyresin,which are made of high quality materials by means of a strict process with advanced production and testing devices.The product features high reliability and long service life.In accordance with different operation environment,it can be equipped with different protection casings or without casing.It can replace the oil-immersed transformer and be used in the high buildings,business centers,airports,tunnels,chemical plants,nuclear power stations and watercrafts ect.

Normal service conditions

- 1)Altitude should not be over 1000m:indoor type
- 2)Highest ambient temperature should not over:+40℃;Highest daily average should not over temperature:+30℃
- 3)Highest annual average temperature should not over +20℃,lowest temperature should not below -5℃.We can provide transformer operated in special conditions according to user's requirement.

Model designation



SC(B)9-30-2500/10

Performance characteristics

- 1.The product is safe,fire-proof,pollution free,and can be used in the load center directly.
- 2.High mechanical strength,strong shour-circuit proof capacity,small partial discharge,excellent thermal stability,high reliability,and long service life.
- 3.Low loss,low noise,energy saving and maintenance free.
- 4.Excellent heat dissipation,great overload capacity and a large operating capacity is available when ONAF is applied.
- 5.Good humidity resistance,it's suitable for operating in the highly humid and harsh environment.
- 6.An intelligent signal and temperature control system is adopted,which can automatically monitor and display all working temperature of the three-phase windings.The blowing fan can give an alarm,switch on and off automatically and conduct tripping operation to protect the transformer.
- 7.Dur to the structure is compact and weight is light,it can save space and decrease the cost of installation.

Notes for placing orders

Transformer type:rated capacity kVA
 Number of phases:three-phase single-phase
 High voltage: KV/Low voltage:KV
 Frequency:50HZ 60HZ
 Tapping range:±4×2.5% ±3×2.5% other
 Connection group:Yyn0 Dyn11 other
 Impedance voltage:4% 6% other
 Cooling method: ONAN ONAF
 Protecting grade of outer casing:IP00 IP20 IP30 other

Method of incoming and outgoing line:

- 1.Incoming line to lower part and outgoing line from upper part
- 2.Incoming line to upper part and outgoing line form upper part
- 3.Incoming line to upper part and outgoing line form side part
- 4.other

*If customer has no requirement,the color of outer casing is light grey(the standard color of ANDELI),or you sould indicate color code that you want

Main technical parameters of SC(B)9-30~2500/10 series of transformers

Rated capacity (kVA)	Voltage combination (kV)		Connecting group	No-load loss (W)	Load loss (W)		Short circuit impedance (%)	No-load current (%)	Yowp grade (D)	P00 (no crust)				P00 (P01)				High voltage connection end (mm)	Low voltage connection end (mm)	
	High voltage (kV)	Low voltage (kV)			(120°C)	(75°C)				Length (mm)	Width (mm)	Height (mm)	Gauge (mm)	Gross weight (kg)	Length (mm)	Width (mm)	Height (mm)			Gross weight (kg)
30	6.3 10	0.4	Yyn0 or Dyn11	210	745	650	4.0	2.8	45	676	508	708	406	208	1108	1808	1208	308	M10	30×3
50				260	1050	915		2.5	45	728	508	778	406	408	1208	1908	1208	518	M10	30×3
60				410	1460	1275		2.4	40	768	508	858	406	508	1208	1908	1208	858	M10	30×3
100				480	1688	1485		2.2	48	888	608	1088	506	608	1308	1908	1408	878	M10	30×3
125				530	1960	1700		2	47	1030	608	1108	506	668	1308	1908	1408	888	M10	30×3
180				610	2250	1905		2	40	1050	658	1130	556	728	1508	1908	1408	948	M10	(k)40×4
250				760	2670	2330		1.8	40	1108	658	1150	556	828	1508	1908	1808	1128	M10	(k)40×4
280				810	2920	2500		1.8	48	1168	760	1208	668	1108	1608	1268	1808	1318	M10	(k)40×6
315				860	3670	3205		1.6	48	1210	760	1250	668	1290	1808	1268	1808	1468	M10	(k)40×6
400				1180	4220	3685		1.6	50	1270	760	1420	668	1600	1708	1268	1808	1880	M10	(k)60×6
500				1300	5170	4535		1.6	51	1320	760	1508	668	1800	1708	1208	1808	2108	M10	(k)60×6
630				1500	6220	5430		1.5	52	1380	760	1528	668	2008	1708	1208	1808	2408	M10	(k)80×6
800				1660	6310	5610		1.5	52	1430	760	1568	668	2108	1708	1208	1808	2508	M10	(k)80×6
880				1710	7360	6420		1.5	53	1470	1006	1668	820	2308	1808	1908	1808	3008	M10	(k)80×8
1000				1990	8600	7510		1.3	54	1540	1006	1668	820	2508	1908	1508	1808	3108	M10	(k)100×10
1250				2250	10280	8905		1.3	55	1610	1008	1628	820	3208	1908	1508	2808	3010	M10	(k)100×10
1600				2750	12420	10848		1.3	56	1710	1208	1708	1070	3608	2108	1808	2808	4158	M10	(k)120×10
2000				3735	15380	13355		1.1	56	1830	1258	1930	1070	4008	2108	1808	2208	5180	M10	(k)120×12
2500				4500	18180	15078		1.1	57	1850	1258	1970	1070	5408	2108	1808	2308	5508	M10	(k)120×15

Main technical parameters of SC(B)10-30~2500/10 series of transformers

Rated capacity (kVA)	Voltage combination(kV)			Connecting group	No-load loss(W)	Load-loss(W)		Short circuit impedance(%)	No-load current(%)	Yowp grade(D)	P00(no crust)				P00(P23)				High voltage connection end(mm)	Low voltage connection end(mm)	
	High voltage	Taping(%)	Low voltage(kV)			(120°C)	(75°C)				Length(mm)	Width(mm)	Height(mm)	Gauge(mm)	Gross weight(kg)	Length(mm)	Width(mm)	Height(mm)			Gross weight(kg)
30	6.3 10	±5 ±2x5	0.4	Yyn0 or Dyn11	190	700	610	4.0	2.6	44	676	500	700	400	206	1108	1000	1200	300	M10	30×3
50					270	960	885		2.2	44	726	500	770	400	406	1208	1000	1200	516	M10	30×3
60					380	1308	1205		2.0	45	766	500	850	400	506	1208	1000	1200	850	M10	30×3
100					430	1576	1370		2.0	45	806	600	1060	500	606	1308	1100	1400	820	M10	(k)30×3
125					480	1848	1685		1.8	46	1030	650	1190	500	666	1308	1100	1400	880	M10	(k)30×3
160					540	2136	1960		1.8	47	1050	650	1130	550	726	1508	1100	1400	940	M10	(k)40×4
200					620	2638	2210		1.6	47	1108	650	1190	560	826	1608	1100	1600	1120	M10	(k)40×4
250					720	2758	2460		1.6	48	1158	760	1260	660	1108	1508	1250	1600	1310	M10	(k)40×6
315					880	3478	3030		1.4	48	1210	760	1260	660	1260	1608	1250	1600	1480	M10	(k)40×6
400					970	3890	3485		1.4	48	1270	760	1420	660	1680	1708	1250	1800	1850	M10	(k)60×6
500					1180	4658	4260		1.4	50	1320	760	1560	660	1820	1708	1250	1800	2100	M10	(k)60×6
630					1340	5678	5125		1.3	51	1380	760	1620	660	2008	1708	1250	1800	2450	M10	(k)80×6
800					1590	5960	5260		1.3	51	1430	760	1660	660	2108	1708	1250	1800	2550	M10	(k)80×6
880					1620	6968	6070		1.3	52	1470	1008	1680	820	2308	1808	1580	1800	3080	M10	(k)80×8
1000					1760	8136	7085		1.1	53	1540	1008	1560	820	2508	1908	1580	1800	3100	M10	(k)100×10
1250					2080	9680	8480		1.1	54	1610	1008	1620	820	3208	1908	1580	2000	3510	M10	(k)100×10
1600					2440	11730	10240		1.1	55	1710	1208	1708	1070	3608	2108	1800	2000	4150	M10	(k)120×10
2000					3320	14450	12615		1.0	55	1830	1258	1930	1070	4008	2108	1800	2200	5180	M10	(k)120×12
2500					4060	17170	14980		1.0	56	1850	1258	1970	1070	5408	2108	1800	2300	5580	M10	(k)120×15