

NEPEAN
Power

Cast Resin Dry-type Transformer



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NEPEAN ELECTRONICS



NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice.

22kV Cast Resin Dry-type Transformer

SC(B) Series Cast Resin Dry-type Transformer													
Rated Power (kVA)	High Voltage (kV)	H.V Tap Range	Low Voltage (kV)	Vector Group	Short-Circuit Impedance (%)	No-Load Loss (W)	On-Load Loss (W) (120°C)	No-Load Current (%)	Insulation Class	Weight (KG)	Overall Dimension (mm)		
											L	W	H
50	22	±5% or ±2x2.5%	0.4	Dyn11	6	340	1230	2.0	F H	560	1080	660	830
100						540	1990	1.8		690	1160	760	900
160						670	2470	1.6		810	1190	760	950
200						730	2940	1.6		1030	1200	760	990
250						840	3420	1.3		1280	1220	760	1160
315						970	4080	1.3		1530	1250	760	1210
400						1150	4840	1.2		1660	1390	920	1270
500						1350	5790	1.1		2010	1420	920	1360
630						1530	6840	1.1		2390	1510	920	1460
800						1750	8260	1.0		3060	1660	920	1510
1000						2070	9780	1.0		3410	1740	960	1660
1250						2380	11500	0.85		4010	1930	960	1760
1600						2790	13800	0.85		5030	2040	960	1960
2000						3240	16300	0.7		5980	2040	1255	2030
2500						3870	19300	0.7		6160	2060	1255	2200

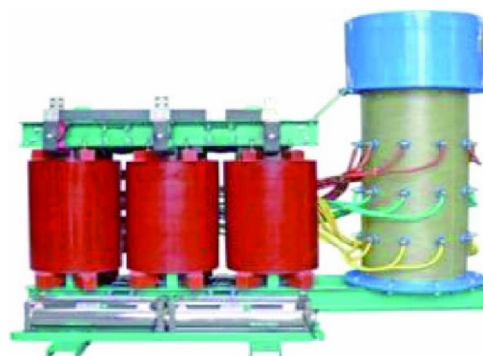
Notes:

- All the data provided in this flyer are just for information only. Please contact us for the latest version with more precise data.
- Customisable according to special customer demands

Cast Resin Dry-type Transformer



SC(B) Series Cast Resin Dry-type Transformer



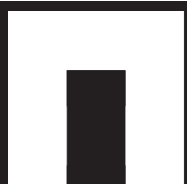
SCZ(B) Series Cast Resin Dry-type Transformer with OLTC

11kV Cast Resin Dry-type Transformer

SCZ(B) Series Cast Resin Dry-type Transformer with On-Load Tap Changer																		
Rated Power (kVA)	High Voltage (kV)	H.V Tap Range	Low Voltage (kV)	Vector Group	Short-Circuit Impedance (%)	No-Load Loss (W)	On-Load Loss (W) (120°C)	No-Load Current (%)	Insulation Class	Noise (dB)	Weight (KG)	Overall Dimension (mm)						
												L	W	H				
315	11	±4x2.5%	0.4	Dyn11	4	990	3610	1.1	F	46	1570	1230	1430	1300				
400						1120	4270	1.1		46	1740	1230	1430	1465				
500						1290	5220	1.1		47	1985	1280	1430	1490				
630						1490	6170	1.0		47	2500	1570	1560	1510				
630						1440	6360	1.0		H	47	2570	1600	1560	1420			
800						1710	7500	1.0			48	2970	1675	1560	1530			
1000					6					1980	8780	0.85		48	3500	1750	1560	1626
1250										2340	10400	0.85		49	4050	1780	1560	1736
1600										2720	12400	0.85		50	5600	1825	1560	1786
2000										3420	15200	0.7		52	6300	2020	1560	1866
2500										3960	18100	0.7		55	7450	2100	1560	2100

11kV Cast Resin Dry-type Transformer

SC(B) Series Cast Resin Dry-type Transformer															
Rated Power (kVA)	High Voltage (kV)	H.V Tap Range	Low Voltage (kV)	Vector Group	Short-Circuit Impedance (%)	No-Load Loss (W)	On-Load Loss (W) (120°C)	No-Load Current (%)	Insulation Class	Noise (dB)	Weight (KG)	Overall Dimension (mm)			
												L	W	H	
30	6.6, 11	±5% or ±2x2.5%	0.4	Dyn11	4	190	710	2.0	F	40	330	990	660	760	
50						270	1000	2.0		40	360	1000	660	790	
80						70	1380	1.5		40	470	1050	660	820	
100						400	1570	1.5		40	520	1080	660	860	
125						70	1850	1.3		41	620	1120	760	900	
160						540	2130	1.3		42	790	1200	760	950	
200						620	2530	1.1		42	880	1240	820	1100	
250						720	2760	1.1		44	1000	1100	820	1160	
315						880	3470	1.0		H	46	1120	1110	820	1240
400						980	3990	1.0			46	1360	1130	820	1360
500						1160	4880	1.0			47	1460	1140	820	1430
630						1340	5880	0.85			47	1530	1280	820	1350
630					1300	5960	0.85	47	1570		1280	820	1300		
800					1520	6960	0.85	48	1850		1290	820	1430		
1000					1770	8130	0.85	6	48	2320	1420	960	1480		
1250					2090	9690	0.85		49	2690	1430	960	1620		
1600					2450	11700	0.85		50	3130	1460	960	1750		
2000					3050	14400	0.7		52	3600	1900	1255	1940		
2500	3600	17100	0.7		55	4560	2030		1255	2020					



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