

S9-M Hermitical-Sealed Distribution Transformer

Summary

Hermetical-sealed distribution transformer contain oil tank, which is completely isolated from air, oil tank compensates oil tank volume transformation, moisture or oxygen cannot enter in the tank, this can slow down insulation materials aging. There is no need check suspended core before running and free from maintenance after bring into operation, this may improves product operation reliability.



Product feature

1. Oil inside transformer isolates from air and ensure transformer run continuously for 20 years without any special process, there is no oil storage tank or protection devices.
2. The transformer applies vacuum oiling to achieve sealed effect.

Application: city electric network, petrification, metallurgy and other occasions with heavy humidity and in convenient maintenance.

Technical specification

S9-M Hermitical-sealed distribution transformer

Capacity (kVA)	Voltage		Vector group	Consumption		Short-circuit impedance (%)	No load current (%)	Outline dimension mm(±10%)			Weight kg(±10%)		Gauge (mm)
	HV (kV)	LV (kV)		No load(W)	Load (W)			Length	Width	Height	Oil	Total	
50	170	870	2	1100	690	1120	110	440	400×450				
63	200	1040	1.9	1120	670	1120	110	480	400×450				
80	240	1250	1.8	1145	675	1190	115	535	400×450				
100	290	1500	1.6	1165	695	1210	120	620	400×450				
125	340	1800	1.5	1195	700	1235	130	670	400×450				
160	400	2200	1.4	1250	725	1280	160	770	550×550				
200	480	2600	1.3	1275	730	1305	175	925	550×550				
250	560	3050	1.2	1325	765	1370	220	1150	550×650				
315	670	3650	1.1	1365	775	1390	230	1290	550×650				
400	800	4300	1	1455	825	1475	270	1530	550×660				
500	960	5100	1	1440	790	1530	295	1675	660×660				
630	1200	6200	0.9	1600	875	1580	400	2260	660×850				
800	1400	7500	0.8	1720	985	1760	425	2665	820×850				
1000	1700	10300	0.7	1850	1180	1710	510	2970	820×850				
1250	1950	12800	0.6	1970	1190	1775	545	3440	820×850				
1600	2400	14500	0.6	2080	1130	1840	560	3840	820×900				
2000	2830	17140	0.5	2080	1320	2280	1170	5800	1070×1070				
2500	3350	20260	0.5	2400	2100	2350	1280	6500	1070×1070				

S9/11-M.R Ribbon-Wound Core Distribution Transformer

Summary

This type transformer adopts high-permedibility cool-rolling si-steel sheet as iron core, it processed with big fill factor and there is no space inside the magnetic path, HV and LV coil is continuously wound around the core with good concentricity and compact winding. The product is in low consumption and slight noise pollution by combining new technology generation, good performance and energy saving, which is widely used in distribution system.



Product feature

1. The winding iron core is of big fill factor.
2. The iron core is annealed.
3. There is no joint in iron core to decrease magnetic resistance and lower down no-load current by 60~80%.
4. The no-load capability decreased by 20~30%.
5. The magnetic conductance recovers to the original level before it is processed.
6. The compact structure of core lower down noise pollution by 10dB.

Technical specification

S11-M.R Series three-phase ribbon-wound core distribution transformer

Capacity (kVA)	Voltage		Vector group	Consumption		Short-circuit impedance (%)	No load current (%)	Outline dimension mm(±10%)			Weight kg(±10%)		Gauge (mm)
	HV (kV)	LV (kV)		No load(W)	Load (W)			Length	Width	Height	Oil	Total	
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400	670	3650	1.1	1365	775	1390	230	1290	550×650				
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630	960	5100	1	1440	790	1530	295	1675	660×660				
800	1200	6200	0.9	1600	875	1580	400	2260	660×850				
1000	1400	7500	0.8	1720	985	1760	425	2665	820×850				
1250	1700	10300	0.7	1850	1180	1710	510	2970	820×850				
1600	1950	12800	0.6	1970	1190	1775	545	3440	820×850				
2000	2400	14500	0.6	2080	1130	1840	560	3840	820×900				
2500	2830	17140	0.5	2080	1320	2280	1170	5800	1070×1070				
3150	3350	20260	0.5	2400	2100	2350	1280	6500	1070×1070				

S9-M.R Series three-phase ribbon-wound core distribution transformer

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