

DRY TYPE TRANSFORMER



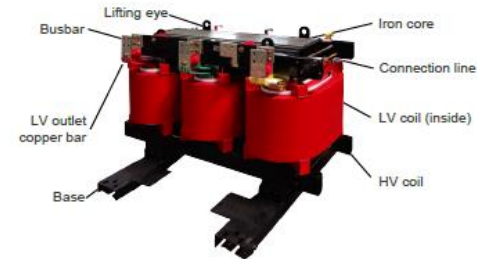
Dry type transformer — Epoxy resin type

◆ Definition

Cast resin dry type transformer is a type of SC(B) dry transformer with epoxy resin, which is a widely used in many fields. Its winding surface consists of high-quality protective material that forms the cover.

Even in harsh environments such as dust and humidity, it will not affect the cast insulating dry-type transformer; the process characteristic of resin casting is that it must rely on molds and use special casting equipment to cast the coil in a vacuum state. The epoxy resin used is an insulating glue, so it is also called an epoxy cast resin dry type transformer.

◆ Structure



◆ Technical Specification

① Type 14 of 6+kV dry-type no-excitation distribution transformers

VO-UT-DRD-xKVA-xHkV-0.4kV

Rated Capacity (kVA)	Voltage Combination			Vector Group	No-load Loss (W)	Under different insulation heat-resisting rank load loss(W)			No-load Current(%)	Short Circuit Impedance(%)
	HV (KV)	HV (Tapping)	LV (KV)			130°C(B) (100°C)	155°C(F) (120°C)	180°C(H) (145°C)		
30	6 6.3 6.6 10 10.5 11	±5% ±2x2.5%	0.4	Dyn11 Yn0	130	605	640	685	2.00	4
50					185	845	900	965	2.00	
80					250	1160	1240	1330	1.50	
100					270	1330	1415	1520	1.50	
125					320	1565	1665	1780	1.30	
160					365	1800	1915	2050	1.30	
200					420	2135	2275	2440	1.10	
250					490	2330	2485	2665	1.10	
315					600	2945	3125	3355	1.00	
400					665	3375	3590	3850	1.00	
500					790	4130	4390	4705	1.00	
630					910	4975	5290	5660	0.85	
800					1035	5895	6265	6715	0.85	
1000					1205	6885	7315	7685	0.85	
1250					1420	8190	8720	9335	0.85	
1600					1665	9945	10565	11320	0.85	6
2000					2075	12240	13005	14005	0.70	
2500					2450	14535	15445	16605	0.70	