

Open Ventilated Dry Type TRANSFORMER.

The Ecotrafo open ventilated dry type transformer winding is insulated with DuPont NOMEX® paper technology.

This transformer is of non-encapsulated dry-type distribution transformer.

NOMEX® technology paper is not only aging resistant also with great toughness and elastic properties that ensure transformer remain at its best condition throughout its whole lifetime. This paper insulation having self-extinguishing properties that will not release harmful gases as well as generate smoke that harm the environment.

ADVANTAGES

Safer
(does not contain oil)

Lower maintenance

Better heat dissipation

Higher overload capability

Lightweight

Better accessibility
(maintenance/repair cost saving)

AREA OF APPLICATION

Suitable to use for all location stated as per cast resin transformer also in area of critical climate as per below: -

- Dessert area
- Iron/Steel mill
- Other foundries
- Smelting plant
- Casting plant

OPEN VENTILATED DRY TYPE SPECIFICATION

***Larger capacity & other special feature are available upon request

Rating (kVA)	Voltage			Vector Group	No-load Current %	No-load Loss (W)	Full-load Loss 120°C (W)	Short Circuit Impedance (%)	LpA (dB)	Weight (kg)	Dimension		
	HV (kV)	HV Tapping Range	LV (kV)								Length (mm)	Width (mm)	Height (mm)
100	22	±2 x 2.5%	0.4	Dyn11 Yyn0	2.1	540	2130	6	46	755	1360	780	1200
160					1.6	670	2660		46	1055	1450	820	1230
200					1.6	730	3140		46	1290	1450	820	1260
250					1.4	840	3710		48	1500	1480	820	1320
315					1.4	970	4370		48	1820	1500	900	1330
400					1.2	1150	5180		50	2180	1500	900	1390
500					1.2	1350	6170		50	2575	1550	1050	1420
630					1.0	1530	7360		52	3030	1550	1050	1515
800					1.0	1750	8830		52	3660	1640	1050	1650
1000					0.9	2070	10450		52	4300	1700	1200	1760
1250					0.8	2380	12350		54	5090	1800	1200	1815
1600					0.8	2790	14860		54	6050	1920	1200	1990
2000					0.8	3240	17570		56	7120	2070	1200	2040
2500					0.8	3870	20710		56	8000	2130	1200	2130

22kV model

Rating (kVA)	Voltage			Vector Group	No-load Current %	No-load Loss (W)	Full-load Loss 120°C (W)	Short Circuit Impedance (%)	LpA (dB)	Weight (kg)	Dimension		
	HV (kV)	HV Tapping Range	LV (kV)								Length (mm)	Width (mm)	Height (mm)
100	11	±2 x 2.5%	0.4	Dyn11 Yyn0	1.1	350	1690	4	45	745	1080	720	1120
125					1.1	410	1980		46	790	1100	720	1120
160					0.8	470	2280		46	850	1180	720	1210
200					0.8	540	2710		46	975	1210	720	1240
250					0.8	630	2960		46	1165	1250	720	1250
315					0.7	770	3730		46	1385	1310	720	1260
400					0.7	850	4280		48	1165	1370	880	1280
500					0.7	1010	5230		48	1950	1275	1050	1310
630					0.6	1170	6290		48	2330	1290	1050	1330
800					0.6	1330	7460		48	2265	1450	1050	1440
1000					0.6	1540	8760		50	2825	1500	1050	1440
1250					0.5	1820	10370		50	3225	1500	1050	1530
1600					0.5	2140	12580		50	3640	1560	1050	1705
2000					0.4	2700	15560		50	4390	1650	1200	1790
2500					0.4	3200	18450		50	5180	1670	1200	1910

11kV model

