M-TECH
INTERNATIONAL

Dry Type
Transformers

Dry Type Transformers

Dupont Nomex Paper Based Insulation System

M-TECH introduces a series non-encapsulated dry-type transformers with the US DuPont Reliatran technology and adopt DuPont NOMEX paper based insulation system, which is safe and reliable, environmentally friendly, energy saving, fireproof and blast proof. Insensitive to humidity dust and pollution, and of great surge capacity, small dimension and easy maintenance.

Cast Rasin Insulation System

Holding the expertise we are manufacturing and supplying a huge assort of Cast-Resin Transformer. Keenly in accordance with the International standards these transformers are fabricated to ensure its reliability and trustworthiness. The vital features of these transformers are low partial discharge and matchless electric intercity, flame resistance, high performance and reduced maintenance.

Technical Specification

These are the technical specifications for all Step Up, Step Down 33KV, 20KV, 15 KV, 11 KV, 6.6KV, 3.3 KV / 415 V, 220 V, Dy, Yd, Single & Three phase transformers and reduced maintenance.

Applicable Standards

International Standards IEC 60076(1 – 11), BS 171, VDE 0532, ANSI C 57 : 12, Customer Specifications If any.

Cooling Mode

AN , ANAF with respective IP Protection Class

Note

Winding Temperature Rise --- 60 deg C & 75 deg C for Class A & E Insulation respectively
Winding Temperature Rise --- 100 deg C for Class F
Insulation Winding Temperature Rise --- 125 deg C for Class H Insulation

Details

KVA	%Z	Fe. Losses Watts	Cu. Losses Watts	% Efficy. At 100% Load	% Regn At 1.0 pf	Insulation Class
25	4.00	120	500	97.58	2.06	
50	4.00	150	950	97.85	1.96	
100	4.00	280	1650	98.11	1.72	
200	4.00	450	2850	98.38	1.49	A
300	4.00	650	4200	98.41	1.47	or
400	4.00	750	5200	98.53	1.37	E
500	4.00	925	6500	98.54	1.37	
630	4.00	1100	8000	98.58	1.34	
750	5.00	1350	9250	98.61	1.35	
800	5.00	1500	9500	98.64	1.31	
1000	5.00	1800	11500	98.69	1.27	DUPONT NOMEX
1250	6.00	2250	13800	98.73	1.28	F OR H
1500	6.00	2850	16000	98.76	1.24	CLASS INSULATION
2000	7.00	4000	16000	99.01	1.04	
2500	7.00	4800	16000	99.17	0.88	