



# Dry Type VPI Transformer

**RANGE: Up to 5000 KVA in 33 KV Class.**

MARSZ ELECTRICALS is advanced Dry Type VPI Transformer Manufacturer in India (Vacuum Pressure Impregnated) with Off Circuit Tap Links (up to 5000 KVA In 33 KV Class.) using CRGO M3 to M5 MOH Lamination and Electrolytic Grade 99.9% pure copper. These transformers are designed for trouble-free performance, confirming to IS 11171/ IS – 2026 with low loss and low noise. Use of modern manufacturing techniques and optimum utilization of active materials ensures cost effectiveness, reliability, and a long trouble-free performance.

Dry Type Transformer are fitted in enclosure for Indoor and Outdoor installations and are totally maintenance free and safe from fire as the material used is metal, ceramic, NOMEX and resin. It is environment friendly as there is no oil, hence handling becomes easier and there are no chance of spillages and leakage and there is minimal nontoxic smoke in case of fire. Use of Class 'F' / 'H' insulation increases the heat bearing capacity and enables the use of the transformer in humid and chemically polluted atmosphere also. Contact MARSZ ELECTRICALS for the best dry type VPI transformer manufacturer in India

## *Applications*

1. Hotel Project
2. Airports
3. Shopping mall
4. Multiplex

5. Industrial Applications (Furnace Industry / FMCG / Steel and many others)

6. Solar Application

STANDARD SPECIFICATIONS	
<b>Capacity</b>	Up to 5000 KVA
<b>No. of Phases</b>	3 Phase
<b>Frequency</b>	50 Hz, 60 Hz
<b>Voltage Range</b>	11 KV, 22KV, 33KV
<b>Tapping</b>	$\pm 5\%$ Taps on H.T. Side in steps of 2.5% each through Off Circuit Tap links / off circuit Tap switch Optional with OLTC is also possible (OLTC Can be Vacuum Insulated / Air Brake Type)
<b>Insulation</b>	Class 'F' / 'H' with 90° C Temperature Rise for Class F Insulation / 115° C for H Class Insulation
<b>Vector Group</b>	Dyn 11, Dyn1, Ddo, Dyn5 or as per customer requirement
<b>Duty Cycle</b>	Continuous
<b>Winding</b>	Copper Wound / Aluminium wound
<b>Terminals</b>	As per required
<b>Enclosure Protection</b>	IP-00 for Open Execution IP-23, 21,20, 31 for Indoor Application IP-33,34, 42,44 for Outdoor Application

STANDARD / OPTIONAL FITTINGS FOR DRY TYPE DISTRIBUTION TRANSFORMERS	
<b>Standard Fitting</b>	<b>Optional Fittings</b>
Rating and Diagram Plate	Cooling Fans
Primary Bushing	Off Circuit Tap Switch
Secondary Bushing	On Load Tap Changer with RTCC and AVR panel
Cable end Box / Bus Duct termination	
Winding Temperature Indicator with Marshalling Box	
Lifting lugs	Uni directional rollers