

● THREE PHASE PAD MOUNTED TRANSFORMER



▲ Loop Feed Pad Mounted Transformer



▲ Radial Feed Pad Mounted Transformer

◆ Definition

Three phase pad mounted transformers are designed and manufactured in compliance with all applicable ANSI and DOE2016 standards. All transformers are oil-filled, 65°C rise, and designed for usual service conditions per IEEE C57.12.00. Ratings available are 30 through 3000 kVA with primary voltages 2.4 through 35 kV (150 kV BIL) and secondary voltages up to 600 volts. All standard tap configurations available: dual voltage in most combinations, dual voltage with taps only (series connection only) and impedance and loss options available in most designs.

◆ Structure



◆ Technical Specification

Rated Capacity (KVA)	Voltage Combined			Vector-group	No-load Loss (w)	Load Loss at 85°C(w)	Impedance (%)	Efficiency (%)
	High Voltage (V)	Tapping Ranges	Low Voltage (V)					
75	2400 4160 7200 7620 12000 12470 13200 13800 14400 19920 24940 34500	±2x2.5%	110	YNyn0 Dyn1	130	1000	4.0-6.3	99.03
150			120		200	1800		99.16
225			208		350	3100		99.23
300			240		430	3700		99.27
500			277		600	5410		99.35
750			347		880	7500		99.4
1000			415		1000	10300		99.43
1500			416		1400	14500		99.48
2000			480		1800	18300		99.51
2500			600		2300	23100		99.53
3150			690					
3750								