

THREE PHASE PAD MOUNTED TRANSFORMER



◆ Structure



◆ 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 (or custom design) with primary voltages 2.4 through 35 kV (150 kV BIL, or custom design) and secondary voltages up to 600 volts, or custom design. 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.

◆ Technical Specification

VO-UT-3PDM-xKVA-xHkV-xLW								
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					130	1000		99.03
150					200	1800		99.16
225	2400		110		350	3100		99.23
300	4160		120		430	3700		99.27
500	7200		208		600	5410		99.35
750	12000		240		880	7500		99.4
1000	12470	±2x2.5%	277	YNyn0 Dyn1	1000	10300	4.0-6.3	99.43
1500	13200		347		1400	14500		99.48
2000	14400		415		1800	18300		99.51
2500	19920		480		2300	23100		99.53
3150	24940		600					
3750	34500		690					