

# Three Phase Pad Mount Distribution Transformer Features

## kVA and Voltage Ratings

kVA *				
Low Voltage	Low Voltage	High Voltage Rating	BIL	Taps
208Y / 120 or 240 Volts	480Y / 277 or 480 Volts	Delta or Wye (V)	(kV)	
75 - 750	75 - 750	2400	45	+/- 2-2 1/2% or - 4 - 2 1/2%
75 - 1000	75 - 2000	4160	60	
75 - 1000	75 - 2000	4800	60	
75 - 1000	75 - 2500	7200	75	
75 - 1000	75 - 2500	12000	95	
75 - 1000	75 - 2500	12470	95	
75 - 1000	75 - 2500	13200	95	
75 - 1000	75 - 2500	13800	95	
75 - 1000	75 - 2500	16340	95	14400 / 14100 / 13500 / 13200 17200 / 16970 / 15910 / 15480
		<b>Grounded Wye</b>		
75 - 1000	75 - 2500	22860GrdY / 13200	125	+/- 2-2 1/2%
75 - 1000	75 - 2500	23900GrdY / 13800	125	
75 - 1000	75 - 2500	24940GrdY / 14400	125	
75 - 1000	75 - 2500	34500GrdY / 19920	150	
		<b>Dual Voltage Ratings</b>		Taps Available <b>ONLY</b> in Series D.V. Position
75 - 1000	75 - 1500	4160 GrdY2400 x 1247GrdY / 7200	60 x 95	
	75 - 1500	4160 GrdY2400 x 13200GrdY / 76200	60 x 95	
	75 - 1500	41600 GrdY2400 x 13800GrdY / 7970	60 x 95	
	75 - 2500	12470 GrdY7200 x 24900GrdY / 14400	95 x 125	
	75 - 2500	13200 GrdY7620 x 24940GrdY / 14400	95 x 125	

\*Consult factory for availability of non-standard kVA sizes.

### Standard Three Phase Pad Mount Features

- Cabinet is secured to the tank.
- Doors swing back for unobstructed access and can be removed as well.
- Cabinet hood swings back for easier access into the front panel.
- Removable tank cover for full access into the transformer interior.
- 3 point door latching mechanism with penta head bolt retention.
- Steel barrier separates high and low voltage compartments.
- Security access to HV compartment via two penta head bolts.
- Tank is equipped with 4 large lifting lugs and jack provisions.
- Tank and cabinet painted green Munsell 7GY3.29/1.5.
- HV bushings are externally clamped universal wells.
- LV bushings are externally clamped NEMA spades.
- Removable neutral ground strap on low voltage neutral bushing.
- One inch oil fill plug, oil drain plug, and pressure relief device.
- Laser etched aluminum nameplate.
- Five legged core and coil assembly.
- Production electrical testing per ANSI C57.12.00 and ANSI C57.12.90