



Three-Phase Pad-Mounted Transformers



Prolec GE offers a complete line of liquid-filled Three-Phase Pad-Mounted distribution transformers that meet applicable IEEE standards. These transformers are specifically designed for commercial and residential applications, such as hotels, hospitals, universities, among others. Our transformers are designed for outdoor installation with cabinets meeting C57.12.34 & C57.12.28.

Prolec GE Three-Phase Pad-Mounted Transformers use aluminum or copper windings and are optimized to maximize efficiency and footprint.

Standard offering

- Rating
 - Up to 3,750 kVA ONAN
- High Voltage
 - Up to 34,500 V Delta or Wye Connected
 - BIL up to 200 kV
 - Loop feed
 - Dead front
 - Bushing wells
- Low Voltage
 - Up to 1200 V Delta or Wye Connected
 - BIL up to 60 kV
- Frequency: 60 Hz
- 5-legged Core
- Temperature rise: 65°C
- Cooling class: ONAN
- Insulating fluid: Mineral oil
- Impedance: per C57.12.34
- Altitude: 3,300 FASL
- Mild steel tank & cabinet
- Powder paint system; Color: Green Munsell 7GY 3.29/1.5 or ANSI 70
- Built to all applicable IEEE C57.12.34
- Operation Step down
- Windings per Prolec GE standard

Optional features

- Rating 3,750 – 5,000 kVA
- High Voltage
 - Copper windings
 - Tap changer with 7 positions
 - Radial feed
 - Live front
 - Bushing wells + Inserts
 - Tap changer: $\pm 2, 2.5\%$
 - Integral bushing
 - Porcelain bushing
- Low Voltage
 - Copper windings
 - Epoxy, 2 pieces bushings, up to 12 holes blade
 - Epoxy, 1 piece bushings up to 12 holes blade
- Frequency: 50 Hz
- Temperature rise: 55°C, 55/65°C
- Cooling class: KNAN
- Insulating fluid: Natural ester fluid (VG-100 or FR3)
- Impedance per customer request
- Electrostatic shield
- Altitude up to 14850 FASL
- Internal switch
- Bay-O-Net expulsion fuses + current limiting fuses
- Under-oil internal arresters
- Stainless Steel 409 tank & cabinet
- Stainless Steel 304 tank & cabinet
- Infrared window
- Powder paint system & liquid finish color per customer request
- Seismic designs IBC Certified
- Operation Step-Up

Standard voltages

Standard Primary	
Voltage Ratings	Minimum BIL (kV)
Delta or Wye	
2400	45
4160	60
4800	60
7200	75
7620	75
12000	95
12470	95
13200	95
13800	95
16340	95

Grounded Wye	
4160GrdY/2400	65
12470GrdY/7200	95
13200GrdY/7620	95
13800GrdY/7970	95
22860GrdY/13200	125
23900GrdY/13800	125
24940GrdY/14400	125
34500GrdY/19920	150

Standard ratings

Standard kVA Ratings		
45	225	1000
75	300	1500
112.5	500	2000
150	750	2500

Overall typical dimensions for reference

kVA	Height	Width	Depth	Typ Weight (Lb)	Typ Gal Oil
75	66	46	65	2,550	136
112.5	66	46	65	2,750	145
150	69	46	66	2,900	145
225	69	50	69	3,500	164
300	69	53	71	3,800	171
500	74	62	70	5,950	284
750	75	72	72	6,950	275
1000	78	75	75	7,800	315
1500	83	80	83	10,600	375
2000	86	85	89	12,000	440
2500	87	88	96	14,000	490

For kVAs not listed, contact factory.

Dimensions and weights are approximate and subject to change without notice and should not be used for construction purposes.



Standards and certifications available

