

Three-Phase Pad-Mounted Transformers

Prolec GE designs and manufactures 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 IEEE C57.12.34 & C57.12.28 standards. Prolec GE three-phase pad-mounted transformers use aluminum or copper windings and are optimized to maximize efficiency and footprint.



Standard features	
Rating	Up to 3,750 kVA ONAN.
High voltage	Up to 34,500 V Delta or Wye connected
HV BIL	Up to 200 kV
Low voltage	Up to 1,200 V Delta or Wye connected
LV BIL	60 kV
Frequency	60 Hz
General Standard IEEE	IEEE C57.12.34
Temperature rise	65 °C
Cooling class	ONAN
CORE	Sillicon steel*
Impedance	per IEEE C57.12.34
Altitude	3,300 FASL

* 5-leegeed Core.

OPTIONAL FEATURES

Rating: 3,750 – 5,000 kVA.

- High Voltage:
 - Copper windings.
 - Tap changer with 5 or 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®).
- Impedance per customer request.
- Electrostatic shield.
- Altitude up to 14,850 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.
- Amorphous core.



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
1,000	78	75	75	7,800	315
1,500	83	80	83	10,600	375
2,000	86	85	89	12,000	440
2,500	87	88	96	14,000	490

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