

Single-Phase Pad-Mounted Transformers

Prolec GE specializes in the design and production of single-phase pad-mounted distribution transformers. These transformers are specifically designed to meet the requirements of modern underground residential applications, providing a combination of essential features, high performance, and aesthetic considerations. Prolec GE incorporates state-of-the-art technology in both, design and manufacturing, and their commitment to quality is reflected in their ISO-9001 certification and stringent quality assurance programs, ensuring the highest standards are maintained throughout the manufacturing process.



Standard features	
Rating	10, 15, 25, 37.5, 50, 75, 100 & 167 kVA
High voltage	4,160 GrdY/2,400 to 34,500 GrdY/19,920 or 2,400 to 19,920*
HV BIL	60 kV to 150 kV
Low voltage	240/120 to 480/240 & 277.
General standard IEEE	C57.12.38
ANSI Standard	Type I & II
CORE	Silicon steel
High voltage bushings	Externally clamped
Low voltage threaded stud bushings	Externally clamped
Ground provision	Tank

* Dual voltages available.

OPTIONAL FEATURES

- High-voltage no load tap changer.
- Dual high-voltage ratings (not available with taps).
- Complete stainless steel tank and cabinet or combination of components with mild steel and stainless steel.
- High-voltage, load-break 2 or 4 positions or sectionalizing switch.
- Multiple fusing options and combinations, including internal and external expulsion fuse in series with isolation link or partial range current limiting fuse.
- Low-voltage circuit breaker.
- Under oil arrester.
- Drain valve with sampling device.
- Hold-down cleats.
- Connectors for ground pads.
- Magnex™.
- Certification available.
- Amorphous core.



TRANSFORMER TESTING

All transformers are tested in strict accordance with the latest revision of applicable ANSI™, IEEE™, NEMA, and RUS with test reports available by serial number of the transformer.

Routine tests are:

- Polarity and phase relation.
- Resistance.
- No-load losses and excitation current.
- Load losses and impedance.
- Applied voltage.
- Induced voltage.
- Full wave impulse.
- Ratio test.
- Leak test.

For more information:
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