



Single-Phase Pole-Type Transformer



Maintaining an adequate supply for the existing aerial lines requires highly reliable equipment for extending and operating the expansion of overhead lines. Aware of this, at IG we have the widest array of **single-phase pole-type transformers**.

Features

Complies with:

- NOM-002-SEDE/ENER, K1000-01, NMX-J-116-ANCE, NMX-J-123-ANCE, NMX-J-169-ANCE
- Winding temperature rise of 55° C for warm weather and 65° C for standard weather
- Shunt trip safety switch in five positions: nominal, plus two above and two below
- Corrosion-resistant coating system in salt fog chamber for up to 2016 hours

Self Protected Transformers:

- High-voltage protection for transient overvoltages caused by operation of opening / closing circuits and atmospheric discharges
- Protection in low voltage by severe overloads (short circuit) by faults in the secondary circuit

Application

In air distribution systems such as:

- Residential fractions
- Housing developments
- Rural zone



Competitive advantages

- The first transformers factory in Latin America
- Highest-quality transformer in the Mexican market
- 100% guarantee on the indicated capacity (kVA)
- 6-year guarantee, the widest in the Market
- Reliable designs
- State-of-the-art technology
- Quick installation
- Little maintenance required
- With LAPEM approval and certification (CFE)
- Hermetically sealed
- Devices tested in short circuit

Tests

- Standard beam drive**
- Short circuit**
- Winding temperature rise**
- Induced potential
- Applied potential
- Losses due to load and impedance
- Losses in vacuum and excitation current
- Power factor
- Insulation resistance
- Ohmic resistance of windings
- Resistance of transformation and polarity
- Hermetic

**Prototype tests

New line of amorphous transformers

