

The **Single-Phase Pad Mounted-Type Transformers** line offers a high degree of safety and aesthetics in underground distribution systems. These are designed to reliably and safely guarantee a continuous electrical energy service, as these are equipped with accessories that protect against overvoltage and overcurrent.

These are installed in **shopping malls, residential areas, hotels, recreational centers, and public** facilities, where the transformer's reliability and efficiency, safety and environmental aesthetics are important.



## Features

- NOM-002-SEDE/ENER, NMX-J-285-ANCE, NMX-J-123-ANCE, and CFE K0000-04
- ANCE Certification up to 100kVA
- CFE/LAPEM Test Notice and Protocol
- Dead Front accessories
- With or without secondary thermomagnetic switch
- Current-limiting expulsion fuse in series
- Winding temperature rise of 55° C for warm weather and 65° C for standard weather
- Self-cooling in insulating liquid
- Carbon or stainless steel tank and cabinet, for protecting and safeguarding
- Corrosion-resistant coating system in salt fog chamber for up to 2016 hours
- Ring or radial operation

## Included accessories

- Average and low voltage nozzles are removable from the exterior
- Average voltage bushing-type nozzles
- Low voltage pin-type nozzles for installing straight connectors
- The cabinet has stainless steel hinges
- Expulsion fuses are equipped with trays to prevent oil spills



Accessory placement to the transformer

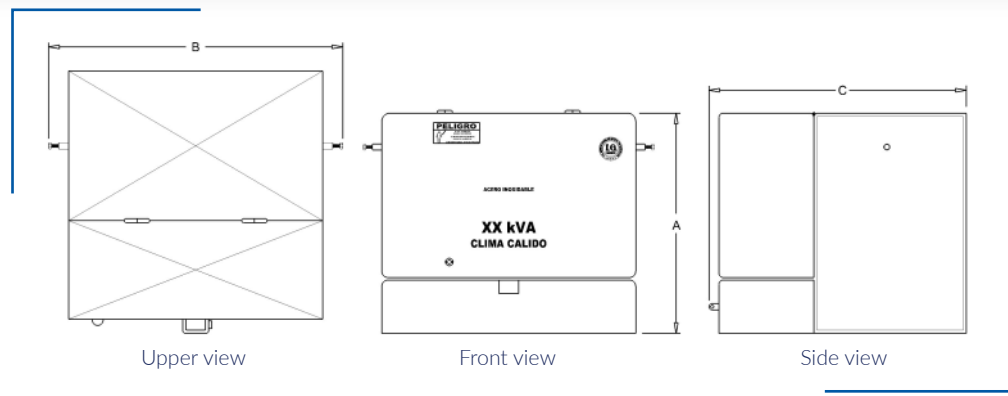
## Competitive advantages

- 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
- Better use of space
- Environmental harmony and aesthetics
- Average life above 20 years
- Installations less affected by the environment and vandalism

## 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



**Dimension and mass of our designs**

**15 kV Class with or without switch**  
Nominal voltage 13200 YT / 7620 - 240 / 120

kVA	A (mm)	B (mm)	C (mm)	Masses (kg)
25	585	858	831	383
37.5	661	915	871	471
50	665	909	841	432
75	721	813	921	532
100	780	898	981	683

**25 kV Class with or without switch**  
Nominal voltage 22860 YT / 13200 - 240 / 120

kVA	A (mm)	B (mm)	C (mm)	Masses (kg)
25	661	902	983	389
37.5	661	915	945	457
50	661	915	977	508
75	780	898	1037	624
100	780	898	1057	699

**34.5 kV Class with or without switch**  
Nominal voltage 33000 YT / 19050 - 240 / 120

kVA	A (mm)	B (mm)	C (mm)	Masses (kg)
25	660	813	983	386
37.5	660	813	983	435
50	680	813	983	453
75	800	813	1108	680
100	800	813	1130	750

**Capacities and voltages available with normal or stainless steel tank**

**In carbon or stainless still with or without switch**

kVA	Class 15 kV	Class 25 kV	Class 34.5 kV
25	✓	✓	✓
37.5	✓	✓	✓
50	✓	✓	✓
75	✓	✓	✓
100	✓	✓	✓

Approximate dimensions and weight.  
For further information, please contact a sales consultant at any of our points of sales.