

The **three-phase Pad Mounted-type transformers** line offers a high degree of reliability, safety and aesthetics to be used in underground distribution systems. These are designed to reliably and safely guarantee a continuous electric energy service, as they are equipped with accessories to protect against overvoltage and overcurrent.

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, CFE K0000-07, CFE K0000-08, NMX-J-285-ANCE, NMX-J-123-ANCE, NMX-J-169-ANCE
- ANCE Certification up to 500 kVA
- CFE/LAPEM Test notice or protocol
- Winding temperature rise of 55° C for warm weather, and 65° C for standard weather
- Wye or Delta connections in the primary
- 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

Per capacity:

- Three-phase disconnecter for ring or radial operation
- Offered in the primary: current-limiting partial range fuse coordinated with an expulsion fuse or full range current-limiting fuse, replaceable from the exterior
- Secondary thermomagnetic switch up to 150 kVA, coordinated with the fuses
- Included in 225 kVA capacity and greater: level indicator, temperature indicator, and provision for manovacuumeter
- Overvoltage relief valve
- Close and secure cabinet device
- Data plate
- Average voltage 200 A bushing-type nozzles or 600 A pin-type (optional)
- Low voltage sword or pin type nozzles (optional)

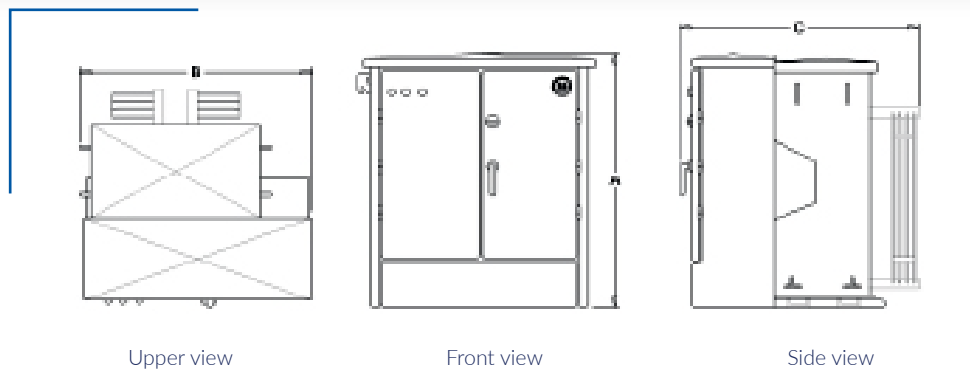
Competitive Advantages

- 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

Pruebas

- 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 - 220 / 127				
kVA	A (mm)	B (mm)	C (mm)	Masses (kg)
75	1345	1325	1040	1130
112.5	1345	1325	1040	1170
150	1345	1325	1040	1475
225	1345	1325	1155	1715
300	1485	1600	1265	2035
500	1485	1600	1405	2430

25 kV Class with or without switch				
Nominal voltage 22860 YT / 13200 - 220 / 127				
kVA	A (mm)	B (mm)	C (mm)	Masses (kg)
75	1345	1325	1040	1105
112.5	1345	1325	1040	1205
150	1345	1325	1040	1335
225	1345	1325	1155	1725
300	1485	1615	1285	2195
500	1485	1615	1365	2565

34.5 kV Class with or without switch				
Nominal voltage 33000 YT / 19050 - 220 / 127				
kVA	A (mm)	B (mm)	C (mm)	Masses (kg)
75	1345	1325	1155	1130
112.5	1345	1325	1155	1185
150	1345	1325	1155	1500
225	1345	1325	1155	1700
300	1485	1615	1290	2160
500	1485	1615	1370	2550

Capacities and voltages available with normal or stainless steel tank

In black or stainless steel						
kVA	Class 15 kV		Class 25 kV		Class 34.5 kV	
	with ITM	without ITM	with ITM	without ITM	with ITM	without ITM
75	✓	✓	✓	✓	✓	✓
112.5	✓	✓	✓	✓	✓	✓
150	✓	✓	✓	✓	✓	✓
225	—	✓	—	✓	—	✓
300	—	✓	—	✓	—	✓
500	—	✓	—	✓	—	✓

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

