



PAD MOUNTED TRANSFORMERS




LISTED
LIQUID - IMMERSED DISTRIBUTION TRANSFORMER
E491099

Pad-mounted transformers, also known as pedestal transformers, are used in underground distribution systems and are commonly applied in residential, commercial, and industrial environments. Rymel transformers are recognized for their high level of safety and reliability, incorporating built-in connection, protection, and switching elements. They are available in both single-phase and three-phase configurations.

For enhanced safety, these transformers feature high-voltage dead-front type terminals and are housed in cabinets with sealed compartments, equipped with doors and locking mechanisms on both the high-voltage and low-voltage sides. Manufactured using high-quality materials and certified production processes, Rymel pad-mounted transformers comply with applicable IEEE and NTC standards.

PROTECTION AND SWITCHING ELEMENTS

- Removable and interchangeable Bay-O-Net type fuses provide protection against extreme overloads and external short circuits in the secondary network.
- Built-in current-limiting fuses protect the primary network from high-current faults within the windings.
- DPS or elbow-type surge arresters safeguard the equipment against network-induced overvoltages.
- A load-break switching device enables safe switching operations under load.



For more information, please contact a Rymel representative.

rymel@rymel.com.co



FEATURES

| TECHNICAL CHARACTERISTICS | | |
|---------------------------|---|----------------------------|
| | ONE PHASE | THREE PHASES |
| CAPACITY | From 25 kVA up to 500 kVA | From 30 kVA up to 5000 kVA |
| PHASES | 1 | 3 |
| TENSION | Up to 36 kV | |
| BIL | Up to 200 kV | |
| WINDING MATERIAL | Aluminum or copper | |
| COOLING CLASS | ONAN | ONAN-ONAF |
| FREQUENCY | 60 0 50 Hz | |
| TAP CHANGER | ± 2, 2.5% or according to customer requirements. | |
| TYPE | Radial or Loop Feed | |
| TEMPERATURE RAISE | Typically 65/65°C, or according to customer requirements. | |
| K FACTOR | K1, K2, K4, K6, K9, K13, K20 or according to customer requirements. | |
| TYPE OF EFFICIENCY | Class A, B, C or D; DOE | |
| TYPE OF INSULATION | Mineral or Biodegradable | |
| TANK | Manufactured with cold rolled and hot rolled sheet steel with a design that allows it to withstand internal pressure and mechanical stress. Or with stainless steel. | |
| PAINT SYSTEM | Special electrostatic paint of great resistance and durability, especially for outdoors and corrosive environments. | |
| GASKETS | Highly durable and compatible with dielectric oil, to guarantee the life of the equipment. | |
| ACCESSORIES | <ul style="list-style-type: none"> - Dead-front type high-voltage bushings (wells, inserts, elbows) - Low tension bushings - Support for parking hubs - Overpressure valve - Oil level gauge - Drain valve with sampling mechanism - Ground connector - Lifting and fixing devices - Nameplate made of high-strength anodized aluminum - Tap switch - High and low voltage cabinets with doors and locks | |
| STANDARD | IEEE C57.12.34, IEEE C57.12.28, IEEE C57.12.29, IEEE C57.12.38 | |

