



PAD MOUNTED TRANSFORMERS



Pad-mounted transformers, or pedestal transformers, are used in underground distribution systems, commonly in residential, commercial, and industrial settings. The Rymel brand's transformers are known for their high safety and reliability, featuring built-in connection, protection, and maneuver elements. They come in three-phase or single-phase configurations.

For safety, they have high-voltage dead-front type terminals and are housed in cabinets with sealed compartments, equipped with doors and locks for both low-voltage and high-voltage sides. Rymel's transformers meet various standards, including IEEE and NTC standards, thanks to their high-quality materials and certified manufacturing processes.

ELEMENTS OR PROTECTION AND MANEUVER

- Removable and interchangeable Bay-O-Net type fuses protect against extreme overloads and external short circuits in the secondary network.
- Built-in limiting fuses safeguard the primary network from high current faults in the windings.
- DPS or elbow-type surge arresters shield the equipment against network-induced overvoltages.
- Breaker with opening capacity under load enables switching operations to be carried out safely.



FEATURES

TECHNICAL CHARACTERISTICS		
	ONE PHASE	THREE PHASES
CAPACITY	From 5 kVA up to 500 kVA	From 30 kVA up to 5000 kVA
PHASES	1	3
TENSION	Up to 34 kV	
BIL	Up to 200 kV	
WINDING MATERIAL	Aluminum or copper	
COOLING CLASS	ONAN - KNAN	ONAN-ONAF - KNAN
FREQUENCY	60 / 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 desing that allows it to withstand internal pressure and mechanical syress. Or with stainless steel.	
PAINT SYSTEM	Special electrostatic paint of great resistance and durability, especially for outdoors and corrosive enviroments.	
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 tension bushings (wells, inserts, elbows). <ul style="list-style-type: none"> - Low tension bushings - Support for parking hubs in AT <ul style="list-style-type: none"> - Overpressure valve - Oil level gage - Drain valve with sampling mechanism <ul style="list-style-type: none"> - Ground connector - Lifting and fixing devices - Nameplate made of high-strength anodized aluminum <ul style="list-style-type: none"> - 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	

