



NETWORK TYPE SUBMERSIBLE DISTRIBUTION TRANSFORMER



Network-type submersible distribution transformers are primarily used in subway distribution circuits, where they face adverse weather conditions, including potential flooding. The Rymel submersible distribution transformers, designed as Network type, comply with NTC 380 and IEEE C57.12.40 standards, ensuring reliable energy distribution even in challenging environments.

ADVANTAGES

- Submersible transformer.
- Tank made of corrosion-resistant, lighter stainless steel.
- Dielectric material is either mineral or vegetable oil.
- Panel type radiators of robust construction, low maintenance and low probability of leakage.
- Chamber for disconnecting cables.
- Network type primary disconnecter.
- Dead-front primary terminals.

ACCESSORIES

- Taps changer for de-energized operation.
- Lifting devices.
- Nameplate.
- Grounding.
- Handhole: inspection or maintenance
- Network type disconnecting switch.
- Oil level indicator with or without contacts.
- Temperature indicator with or without contacts.



TECHNICAL CHARACTERISTICS				
TYPE		Submersible type Network		
MODEL		TSN-15		
TERMINAL TYPE		Dead front and submersibles		
DIELECTRIC		Mineral or vegetable oil		
SYSTEM		Three Phase		
POWER	kVA	750	500	300
FREQUENCY	Hz	60		
HIGH VOLTAGE				
MAXIMUM VOLTAGE	kV	15		
RATED VOLTAGE	V	13200		
BIL, WAVE 1.2/50 μ s primary	kV	95		
SPANNER MATERIAL		Aluminum		
TAPS		5 positions (+2,-2), 2.5%		
SUPPORTED VOLTAGE (1min)	kV	34		
LOW VOLTAGE				
MAXIMUM VOLTAGE	kV	1.2		
NOMINAL VOLTAGE	V	214		
SPANNER MATERIAL		Aluminum		
SUPPORTED VOLTAGE (1 min)	kV	10		
CONNECTION GROUP		Dyn5		
THERMAL CLASS		Ao		
COOLING		KNAN		
INSTALLATION HEIGHT	m	1000		
TEMPERATURE RISE	°C	65		
APPROXIMATE DIMENSIONS				
A. WIDTH	mm	2123		
B. PROFUNDIDAD	mm	1010		
C.DEPH	mm	1517		
TOTAL WEIGHT	kg	3861		
MANUFACTURING AND TESTING STANDARD		NTC 380, IEEE C57.12.40		

