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250 kVA Distribution Transformer



Brand: Datsan
Product Code: DT250
Availability: 2 - 3 Days
Weight: 1,288.00kg
Dimensions: 1,100.00mm x 520.00mm x 860.00mm

Description

We generally manufacture distribution transformers in this power range, mainly in two different types:

1. Transformer with conservator tank (WCT),
2. Hermetically sealed type (HST),

Below table will help to engineers to select the best option according to environmental conditions which transformer works in:

	High Environmental Temperature	High Altitude	Rural Network	High Humidity	Over Load Conditions	Unstable Loading
WCT	⇑	⇑	⇓	⇓	⇑	⇑
HST	⇓	⇓	⇑	⇑	⇓	⇓

Meanwhile here is the advantage-disadvantage of the WCT-HST types:

- In HST type, tank pressure is more than WCT type. WCT type generally works under low pressure due to its open to atmosphere,
- In HST type, cooling/insulation oil does not contact to the air (theoretically). Therefore oil maintenance period is longer than WCT type,
- HST type transformers and their related parts generally work under higher

temperature (If we evaluate WCT-HST work under same conditions).

Specification

General Information	
Power (kVA)	250
Input Voltage (kV)	from 6.3 upto 36
Output Voltage (V)	400-410-416-431 or as per requested voltage
Type	With conservator tank or hermetically sealed
Mounting Type	Pad or pole mounted
Origin	Turkey
Technical Datas	
Max. Environmental Temperature (°C)	50
Max. Altitude (m)	As per customer request
Magnetic Circuit Type	Core Type
Magnetic Circuit Material	CRGO (Cold-Rolled Grain Oriented silicon steel)
Coils	
Winding Material	Copper and/or Aluminum
Coil Geometry	Round or oval
Transformer Tank	
Cooling Type	ONAN or KNAN
Cooling Surface	Corrugated wall
Surface Protection	Paint or Galvanizing

Product Gallery



