

## 2500kVA Tier 2 - Aluminium Wound Mineral Oil Filled Distribution Transformer

Specification	BS EN 60076
Part Number	2500STDALT2CRGOOF
Rated Power, Sr	2500 kVA
Rated Frequency, fr	50 Hz
Rated High Voltage, Ur	11000 v
Rated Current, Ir	131.2 A
HV Tapping Range	+7½, -5 %
Tap Switch, CFVV	Off circuit
Tap Steps	5 x 2½ %
Rated Low Voltage, Ur	415 v
Rated Current, Ir	3478 A
Cooling Method	ONAN
Thermal Class	A (105°C)
Location	Indoor/Outdoor
Coolant	Mineral Oil
Insulation Level	Li75.Ac28 / Ac3
Vector Group	Dyn11
Core Material	CRGO
Winding Material	Aluminium
Temperature Rise, Oil/Wdg	60 / 65°C
Load Loss @ 75°C	18500 W
No Load Loss	1575 W
Tier 2 EU 548/2014	Ak Ao -10 %
Impedance	6.0%

### HV Cable Box

3 pole single gland air filled, shroud insulated, suitable for a single multi core cable from below complete with a mild steel gland plate. Compliant with BS EN 50336 and BS 2562.  
*(Excludes necessary glands, lugs and termination kit).*

### LV Cable Box

4 pole 20 gland air insulated, suitable for single core cables from below, complete with mono block bushing, non-magnetic gland plate. Compliant with BS EN 50336 and BS 2562.  
*(Excludes necessary cables, glands and lugs).*

### Paint Finish

Painted in accordance with our standard system with a dark grey finish to BS381c – 632 incorporating corrosion category C4 of ISO 12944.

### Neutral Point

A fully rated neutral point provided as standard.

### Standard Fittings

- Oil filler top plate
- Oil level indicator
- Main lifters
- Breather Pipe
- Thermometer pocket
- Rating and diagram plate with CE and UKCA marks
- Oil drain / sampling valve
- Stainless steel earth lugs
- Jacking points
- Skid under base

### Standard Accessories supplied loose

- 1 x Desiccant breather
- 2 x Tins touch up paint (1x Grey, 1x Yellow)
- 1 x Paint Brush
- 1 x Transformer routine test certificate
- 1 x Certificate of Conformity
- 1 x O&M manual

*For standard definitions and references please refer to the latest edition of BS EN 60076-1.*

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