

**1000kVA B.E.S.T - Aluminium Wound Amorphous Core Mineral Oil Filled
Distribution Transformer**

Specification	IEC 60076
Part Number	1000STDALT3ACO
Rated Power, Sr	1000 kVA
Rated Frequency, fr	50 Hz
Rated High Voltage, Ur	11000 v
HV Tapping Range	+71/2, -5%
Tap Switch, CFVV	Off Circuit
Tap Steps	5 x 21/2 %
Rated Low Voltage, Ur	415 v
Cooling Method	ONAN
Thermal Class	A (105°)
Location	Indoor/Outdoor
Coolant	Mineral Oil
Insulation Level	Li75.Ac28 / Ac3
Vector Group	Dyn11
Core Material	Amorphous
Winding Material	Aluminium
Temperature Rise Oil/Wdg	60 / 65 °
Load Loss @ 75°C	6,190 w
No Load Loss	390 w
Tier 2 EU 548/2014	Ak Ao -10%
Impedance	4.75%

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 4 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 admiralty grey finish to BS381C – 632 incorporating corrosion category C4 of ISO 12944.

Neutral Point

A fully rated neutral point provided as standard.

Standard Fittings

ENA TS 35-1 terminal height
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.

Bowers Electricals Ltd, Heanor Gate Road, Heanor, Derbyshire DE75 7GX

Telephone: 01773 531531 (24 hours) Fax: 01773 716171

E-mail: enquiries@bowerselec.co.uk www.bowerselec.co.uk

Registered at the above address in England Company No: 1955004 VAT Ref: 4163613