

Technical description

Item ID: 9141305289

Type designation	4HB6144-4DE05
Design:	Three-phase, hermetically closed oil-immersed distribution transformer for outdoor use
Standards, specification:	
Transformer acc. to ...	EN 60076 Ecodesign acc.to No.548/2014 & 2019/1783 Amd EU Commission
Oil acc. to ... / brand	EN 60296 / Shell Diala S4 ZX-I
Type of duty	continuous
Type of cooling	ONAN
Ambient temperature	40 °C
Temp. rise of winding / oil	65 K / 60 K
Altitude installation	1000 m
Frequency	50 Hz
Rated power	1250 kVA
High voltage	11000 V
tappings	±2.5; ±5%
insulation level (kV)	LI 75 AC 28
Low voltage (U2)	420 V
insulation level (kV)	LI - AC 3
Vector group	Dyn11
No load losses	855 W +0 %
Load losses	9500 W +0 %
Total losses tolerance	+0 %
Impedance voltage	6 % ±10 %
Sound power level LW(A)	55 dB(A)
tolerance	+0 dB(A)
Winding material LV / HV	Al / Al
Terminals:	
High voltage	Brass terminals with porcelain isolators EN 50180 12-250/P2
Protection	IP 00
Low voltage	copper terminals with porcelain isolators according to EN 50386
Connecting part	2000A DIN 43 675 FP
Protection	IP 00
Dimensions, approximately	
Length (A1) x width (B1) x height (H1)	1655 mm x 1070 mm x 1925 mm
Cover height	1585 mm
Distance between rollers (E)	820 mm
Total mass / oil mass	3365 kg / 525 kg
Painting scheme	
Type	Painted
Color RAL..., thickness	RAL 7033, 140 µm
Tank construction	hermetically closed, with corrugated walls
Accessories:	2 pcs. Thermometer pocket - EN 50216-4 Thermometer with 2 contacts
Drain valve	EN 50216-4 type C2 DN 31
Tap changer	off-load type, operated by hand from above the cover
Transport rollers	Ø160, 4 pcs. Metal rollers (RAL7031) with zinc plated bracket(C3M) are fixed above the underframe. Transformer is delivered on wooden support.
In filling tube	Closing screw
Documentation:	Swedish
Dimension drawing	4308 910 00
Tests:	
Routine test	EN 60076
Packing	without