

**Technical description**

**Item ID: 9141304777**

Type designation	4HB5544-4CE05
Design:	Three-phase, hermetically closed oil-immersed distribution transformer for outdoor use
Standards, specification:	
Transformer acc. to ...	EN 60076
Oil acc. to ... / brand	Ecodesign acc.to No.548/2014 & 2019/1783 Amd EU Commission
Type of duty	EN 60296 / Shell Diala S4 ZX-I
Type of cooling	continuous
Ambient temperature	ONAN
Temp. rise of winding / oil	40 °C
Altitude installation	65 K / 60 K
Frequency	1000 m
Rated power	50 Hz
High voltage	315 kVA
tappings	11000 V
insulation level (kV)	±2.5; ±5%
Low voltage (U2)	LI 75 AC 28
insulation level (kV)	420 V
Vector group	LI - AC 3
No load losses	Dyn11
Load losses	324 W +0 %
Total losses tolerance	2800 W +0 %
Impedance voltage	+0 %
Sound power level LW(A)	4 % ±10 %
tolerance	48 dB(A)
Winding material LV / HV	+0 dB(A)
Terminals:	Al / Al
High voltage	copper terminals with porcelain isolators acc. to EN 50180
Protection	IP 00
Low voltage	brass terminals with porcelain isolators acc. to EN 50386
Protection	IP 00
Dimensions, approximately	
Length (A1) x width (B1) x height (H1)	1090 mm x 815 mm x 1360 mm
Cover height	1065 mm
Distance between rollers (E)	670 m
Total mass / oil mass	1230 kg / 200 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
Drain valve	Thermometer with 2 contacts
Tap changer	EN 50216-4 type C2 DN 22
Transport rollers	off-load type, operated by hand from above the cover.
In filling tube	without
Documentation:	Closing screw
Dimension drawing	Swedish
Tests:	4308 896 00
Routine test	EN 60076
Packing	without