

Technical description

Item ID: 9141304229

Type designation	4HB5044-4CE05
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	100 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	130 W +0 %
Total losses tolerance	1250 W +0 %
Impedance voltage	+0 %
Sound power level LW(A)	4 % ±10 %
tolerance	40 dB(A)
Winding material LV / HV	+0 dB(A)
Terminals:	AI / AI
High voltage	copper terminals with porcelain isolators acc. to EN 50180
Protection	IP 00
Low voltage	brass terminals with porcelain isolators according to EN 50386
Protection	IP 00
Dimensions, approximately	
Length (A1) x width (B1) x height (H1)	940 mm x 625 mm x 1105 mm
Cover height	835 mm
Total mass / oil mass	545 kg / 75 kg
Painting scheme	
Type	hot-dip galvanized
Thickness	55 µm
Tank construction	hermetically closed, with corrugated walls
Accessories:	
Drain valve	without
Tap changer	off-load type, operated by hand from above the cover
Transport rollers	without
Documentation:	Swedish
Dimension drawing	4308 878 00
Tests:	
Routine test	EN 60076
Packing	without