

Technical description

Item ID: 9141304624

Type designation	4HB5067-4CE05
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	22000 V
insulation level (kV)	±2.5; ±5%
Low voltage (U2)	LI 125 AC 50
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:	Al / Al
High voltage	brass terminals with porcelain isolators acc. to EN 50180 24-250/P2
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)	960 mm x 660 mm x 1220 mm
Cover height	835 mm
Total mass / oil mass	605 kg / 85 kg
Painting scheme	
Type	hot-dip galvanized without painting
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 892 00
Tests:	
Routine test	EN 60076
Packing	without