

**Technical description**

**Item ID: 9141304862**

Type designation	4HB5744-4CE05
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	500 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	459 W +0 %
Total losses tolerance	3900 W +0 %
Impedance voltage	+0 %
Sound power level LW(A)	4 % ±10 %
tolerance	50 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	copper terminals with porcelain isolators acc. to EN 50386
Connecting part	1250 A with 4 holes
Protection	IP 00
Dimensions, approximately	
Length (A1) x width (B1) x height (H1)	1180 mm x 815 mm x 1660 mm
Cover height	1355 mm
Distance between rollers (E)	670 mm
Total mass / oil mass	1695 kg / 270 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	Ø125, 4 pcs. Metal rollers (RAL7031) with zinc plated bracket(C3M) are fixed above the underframe. Transformer is delivered on wooden support.
Documentation:	Closing screw
Dimension drawing	Swedish
Tests:	4308 898 00
Routine test	EN 60076
Packing	without