

**9.05.2026**

<b>General Specifications</b>		
Transformer type		Oil immersed, Hermetically sealed
Installation		Outdoor
Applicable standarts		IEC 60076 / EU548-2021
Rated power(40°C)	(ONAN) kVA	7000 ( 3500 + 3500 )
High voltage	V	10000
High voltage tappings (no load)	kV	+ 2 x 2,5 % , - 2 x 2,5 %
Low voltage (no load)	kV	0,690 - 0,690
High voltage insulation level	(U <sub>m</sub> / U <sub>AC</sub> / U <sub>LI</sub> ) kV	12 / 28 / 75
Low voltage insulation level	(U <sub>m</sub> / U <sub>AC</sub> / U <sub>LI</sub> ) kV	1,1 / 3 / –
Frequency	Hz	50
Vector group		Dyn5yn5
Number of phases		3
Max. ambient temperature	°C	40
Max. temperature rise (winding / oil)	°C	65 / 60
Max. altitude above sea level	m	1000
Permissible short circuit duration	s	2
<b>Guaranteed Values</b>		
Impedance voltage(75°C)	+10 % tolerance	% 6
No load losses	+0 % tolerance	W 3800
Load losses(75°C)	+0 % tolerance	W 55000
Peak Efficiency Index		% 99,580
TIER-2 COMMISSION REGULATION (EU) NO 548/2014		
<b>Structural Specifications</b>		
High voltage winding conductor material		Al
Low voltage winding conductor material		Al
Oil type		Inhibited Mineral Transformer Oil
Paint corrosion level		C4M (180-200µm)
Colour		RAL - 7033
<b>Dimensions and Weight</b>		
Length / Width / Height(with HV cable box and wheels)	mm	2450 / 1590 / 2930
Length / Width / Height(Without HV cable box and wheels)	mm	2440 / 1590 / 2600
Total weight	kg	11100
Weight of active part	kg	5810
Weight of oil	kg	2590
<b>Connection Terminals</b>		
High voltage		Plug-in Bushings 24 kV 250A(Interface Type A)
Low voltage		Porcelain Bushings 1 kV 3150 A x 8
<b>Accessories</b>		
Off - circuit tap changer	Hermetical Protec. Relay(IDEF/DMCR)	
Oil filling & drain valves	Electrostatic screen	
Pressure relief valve	Earthing terminals	
Lifting lugs	HV cable box	
Rating plate	Terminal box	

\* All weights and dimensions are given approximately.