



**11.04.2022**

<b>General Specifications</b>			
Transformer type			Oil immersed, Hermetically sealed
Installation			Outdoor
Applicable standarts			IEC 60076
Rated power	(ONAN)	kVA	400
High voltage		V	10750
High voltage tappings (no load)		kV	+ 2 x 2,5 % , - 2 x 2,5 %
Low voltage (no load)		V	420
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			Dyn11
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	%	4
No load losses	±0 % tolerance	W	387
Load losses(75°C)	±0 % tolerance	W	3250
<b>Structural Specifications</b>			
High voltage winding conductor material			Al
Low voltage winding conductor material			Al
Oil type			Inhibited Mineral Transformer Oil
<b>Dimensions and Weight</b>			
Length / Width / Height		mm	1070 / 760 / 1420
Total weight		kg	1300
Weight of active part		kg	923
Weight of oil		kg	252
<b>Connection Terminals</b>			
High voltage			Plug in Bushings 24 kV 250A x 3
Low voltage			Porcelain Bushings 1kV 630A x 4
<b>Accessories</b>			
Oil level indicator	Hermetical Protec. Relay (IDEF)		
Off - circuit tap changer	Terminal box		
Lifting lugs	Electrostatic Screen		
Pressure relief valve			
Oil filling & drain valves			

\* All weights and dimensions are given approximately.

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