



11.04.2022

General Specifications			
Transformer type			Oil immersed, Hermetically sealed
Installation			Outdoor
Applicable standarts			IEC 60076
Rated power	(ONAN)	kVA	1600
High voltage		V	10750
High voltage tapplings (no load)		kV	+ 2 x 2,5 % , - 2 x 2,5 %
Low voltage (no load)		V	420
High voltage insulation level	(U _m / U _{AC} / U _{LI})	kV	12 / 28 / 75
Low voltage insulation level	(U _m / U _{AC} / U _{LI})	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
Guaranteed Values			
Impedance voltage(75°C)	±10 % tolerance	%	6
No load losses	±0 % tolerance	W	1080
Load losses(75°C)	±0 % tolerance	W	12000
Structural Specifications			
High voltage winding conductor material			Al
Low voltage winding conductor material			Al
Oil type			Inhibited Mineral Transformer Oil
Dimensions and Weight			
Length / Width / Height		mm	1720 / 1090 / 1740
Total weight		kg	3310
Weight of active part		kg	2260
Weight of oil		kg	623
Connection Terminals			
High voltage			Plug-in Bushings 24 kV 250A x 3
Low voltage			Porcelain Bushings 1kV 3150A x 4
Accessories			
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.

Protrafo B.V.
 Newtonlaan 115, 3584 BH Utrecht, Netherlands
 +31 (0) 85 902 9320 sales@protrafo.com