

Date **12/04/2022**

TECHNICAL DATA				
Item				3
Quantity		Nr.		
Specification nr.				
Type			TES-R2 EU548 Tier2	
Insulation type			Cast resin	
Cooling system			AN	
Ambient temperature		°C	-25 / +40	
Climatic conditions			Normal	
Loading conditions			Distribution	
Nominal power		kVA	1000	
Number of phases		Nr.	3	
Frequency		Hz	50	
Primary voltage		V	10750	
Tappings		V	± 2 x 2,5%	
No load secondary voltage		V	420 + n	
Vector group			Dyn5	
No load losses		W	1395 +0% tol.	
Load losses at 75°C		W	8000 +0% tol.	
Load losses at 120°C		W	9000 +0% tol.	
No load current		%	0,3	
Impedance voltage		%	6,0	
Efficiency 120°C	4/4 cosfi	1	%	98,97
	4/4 cosfi	0,8	%	98,72
PEI (Peak Efficiency Index)			%	/
Voltage drop	4/4 cosfi	1	%	1,076
	4/4 cosfi	0,8	%	4,368
Thermal insulation class				F / F
Primary insulation levels		kV		12 - 28 - 75
Secondary insulation levels		kV		1,1 - 3
Windings material		HV / LV		Al / Al
Core temperature rise		°C		100
Windings temperature rise		°C		100 / 100
Sound pressure level		dBA		55
Sound power level		dBA		70
Amb./Climatic/Fire beh. classes				E3 - C2 - F1
Partial discharge		pC		<10
Dimensions	L x W x H	mm		1490 x 910 x 1900
Total weight		kg.		2.550
Wheels distance		mm.		820 x 820
Wheels dimensions		mm.		125 x 40
Transport dimensions	L x W x H	mm		1490 x 910 x 1900
Transport weight		kg.		2.550

Note: Dimensions and weight not binding