

Date **01/06/2022**

TECHNICAL DATA				
Item				1
Quantity		Nr.		1
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		1600
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				Dyn11
No load losses		W		1980 +0% tol.
Load losses at 75°C		W		11500 +0% tol.
Load losses at 120°C		W		13000 +0% tol.
No load current		%		0,3
Impedance voltage		%		6,0
Efficiency 120°C	4/4 cosfi	1	%	99,07
	4/4 cosfi	0,8	%	98,84
PEI (Peak Efficiency Index)			%	/
Voltage drop	4/4 cosfi	1	%	0,989
	4/4 cosfi	0,8	%	4,308
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		57
Sound power level		dBA		72
Amb./Climatic/Fire beh. classes				E3 - C2 - F1
Partial discharge		pC		<10
Dimensions	L x W x H	mm		1650 x 910 x 2170
Total weight		kg.		3.750
Wheels distance		mm.		820 x 820
Wheels dimensions		mm.		160 x 50
Transport dimensions	L x W x H	mm		1650 x 910 x 2170
Transport weight		kg.		3.750

Note: Dimensions and weight not binding