

Date **06/04/2022**

TECHNICAL DATA					
Item			1	2	3
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	630		
Number of phases		Nr.	3		
Frequency		Hz	50		
Primary voltage		V	10750		
Tappings		V	± 2x2,5%		
No load secondary voltage		V	420 + n		
Vector group			Dyn5		
No load losses		W	990 +0% tol.		
Load losses at 75°C		W	6300 +0% tol.		
Load losses at 120°C		W	7100 +0% tol.		
No load current		%	0,3		
Impedance voltage		%	6,00		
Efficiency 120°C	4/4 cosfi	1	%	98,73	
	4/4 cosfi	0,8	%	98,42	
PEI (Peak Efficiency Index)			%	/	
Voltage drop	4/4 cosfi	1	%	1,301	
	4/4 cosfi	0,8	%	4,519	
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	53		
Sound power level		dBA	67		
Amb./Climatic/Fire beh. classes			E3 - C2 - F1		
Partial discharge		pC	< 10		
Dimensions	L x W x H	mm	1340 x 760 x 1730		
Total weight		kg.	1.750		
Wheels distance		mm.	670 x 670		
Wheels dimensions		mm.	125 x 40		
Transport dimensions	L x W x H	mm	1340 x 760 x 1730		
Transport weight		kg.	1.750		

Note: Dimensions and weight not binding