

CAST RESIN TRANSFORMER					
Losses Family		AoAk (EU1)	Installation		indoor
Vector group		Dyn11	Type of cooling		AN
Frequency	Hz	50	Installation altitude	m.s.l	<1000
Phases		3	Total harmonic distortion	THDv	<5%

	Primary winding(s)	Secondary winding(s)	
Nominal rated power at cont. Service	400kVA	400kVA	
Nominal voltage (at no load)	15kV	400V	
Off-load tapping links	+2X2,5%		
Connection	Delta	star+n	
Insulation class	17,5kV	<1,1kV	
AC	(38kV)	(3kV)	
BIL	L1 (75kV)	-	
Winding material	AL/AL		
Type of winding	Inglobato in stampo sotto vuoto	Impregnato sotto vuoto	

INSULATION AND TEMPERATURE CLASS			Ambient temperature °C	40°C
	Primary winding(s)	Secondary winding(s)		
Insulation temperature class	°C	155°C	155°C	
Temperature rise of windings	K	100	100	
Environmental, Climatic, Fire classes	E2-C2-F1			

GUARANTEED VALUES AT VOLTAGE RATIO OF:						
			V	15kV / 400V		
(Tolerances according to the mentioned Standards)			kVA	400kVA		
No-load loss, Po	W	750	Tolerance, Po	%	0%	
No-load current, Io	%	1	Tolerance, Io	%	+30%	
Load loss, Pk at 120°C	W	4500	Tolerance, Pk 120°C	%	0%	
Impedance voltage, Uk	%	6	Tolerance, Uk	%	+/-10%	
Partial discharge value	pC			<5		
Sound level Power, Lwa	dB(A)			60		

OVERALL DIMENSIONS AND WEIGHTS (Preliminary)							
Length x Width x Height (IP00)	mm	1450	750	1550	CRT Weight (kg)	1800	
Length x Width x Height (IP23)	mm				Box Weight (kg)		
Rollers distance	mm	670 x 670					

PAINTING (subject to availability)							
Magnetic core	RAL	9005	Box		RAL		
Frames	RAL	9005					

#D_STD_50588

Frame antisismico (Picco acceleraz orizz): <=0,2g (sisma leggero)