

**CAST RESIN TRANSFORMER****800 kVA**

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	800kVA	800kVA	
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	<b>155°C</b>	<b>155°C</b>
Temperature rise of windings	K	<b>100</b>	<b>100</b>
Environmental, Climatic, Fire classes	<b>E2-C2-F1</b>		

**GUARANTEED VALUES AT VOLTAGE RATIO OF:**

(Tolerances according to the mentioned Standards)

	V	15kV / 400V			
	kVA	800kVA			
No-load loss, Po	W	1300	Tolerance, Po	%	0%
No-load current, Io	%	0,8	Tolerance, Io	%	+30%
Load loss, Pk at 120°C	W	8000	Tolerance, Pk 120°C	%	0%
Impedance voltage, Uk	%	6	Tolerance, Uk	%	+/-10%
Partial discharge value	pC				<5
Sound level Power, Lwa	dB(A)				64

**OVERALL DIMENSIONS AND WEIGHTS (Preliminary)**

Length x Width x Height (IP00)	mm	1550	850	1890	CRT Weight (kg)	2450
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): &lt;=0,2g (sisma leggero)