

CAST RESIN TRANSFORMER**160 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	160kVA	160kVA	
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:

(Tolerances according to the mentioned Standards)

	W	kVA	V	
No-load loss, Po	400		15kV / 400V	
No-load current, Io	1,8		160kVA	
Load loss, Pk at 120°C	2600			
Impedance voltage, Uk	6			
Partial discharge value	pC		<5	
Sound level Power, Lwa	dB(A)		54	

OVERALL DIMENSIONS AND WEIGHTS (Preliminary)

Length x Width x Height (IP00)	mm	1300	600	1330	CRT Weight (kg)	1050
Length x Width x Height (IP23)	mm				Box Weight (kg)	
Rollers distance	mm	520 x 520				

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)