

Quotation: E-19003-rev4

Reference: PR-19510

CAST RESIN TRANSFORMER

1250 kVA

Losses Family		Special	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%

	HV Winding	LV1 Winding	LV2 Winding
Nominal rated power at cont. Service	1250kVA	1250kVA	
Nominal voltage (at no load)	33kV	400V	
Off-load tapping links	± 2 x 4,54 %		
Connection	Delta	Star	
Insulation class [kV]	36	≤ 1,1	
AC [kv]	70	3	
BIL [kV]	170	-	
Winding material	Al	Al	
Type of winding	Cast in mould under vacuum	Impregnated under vacuum	

INSULATION AND TEMPERATURE CLASS

Max Ambient temperature °C

40

	HV Winding	LV1 Winding	LV2 Winding
Insulation temperature class	°C	155°C (F)	155°C (F)
Temperature rise of windings	K	100	100
Environmental, Climatic, Fire classes	E2-C2-F1		(Type Test Certificate CESI A9032391)

GUARANTEED VALUES AT VOLTAGE RATIO OF:

33000 / 400 V

(Tolerances according to the mentioned Standards)

1250 kVA

	W	3600	Tolerance, Po	%	15%
No-load loss, Po	W	3600	Tolerance, Po	%	15%
No-load current, Io	%	1	Tolerance, Io	%	30%
Load loss, °C	W	14000	Tolerance, °C	%	15%
Impedance voltage, Uk	%	6	Tolerance, Uk	%	±10%
Partial discharge value	pC				<10
Sound level Power, Lwa	dB(A)				75

OVERALL DIMENSIONS AND WEIGHTS (Preliminary)

Length x Width x Height (IP00)	mm	1900	1000	2260	CRT Mass [kg]	3550
Length x Width x Height (IP31)	mm				Box Mass [kg]	
Rollers distance	mm	820 x 820				

PAINTING (subject to availability)

Magnetic core	RAL	9005	Box	RAL
Frames	RAL	9005		

According to IEC 60076-11

