

Project Name :

Order Code :

General Characteristics

1.	Type of Product	:	Hermetically Sealed		
2.	Tank Type	:	Corrugated walls		
3.	Applied Standard/s	:	IEC 60076		
4.	Rated Power	:	160		kVA
5.	No-Load Rated Voltages (HV/LV)	:	10 / 0,4		kV
6.	Voltage Tapping (@ HV)	:	5 taps	10 kV; +2,-2 x 2,5%	Off-load
7.	Vector Group	:	Yyn0		
8.	Conductor Material (HV/LV)	:	Aluminium / Aluminium		
9.	Anma Frekansı	:	50		Hz
10.	Number of Phase	:	3		phase
11.	Maximum Ambient Temperature	:	-25 / 40		°C
12.	Winding / Oil Temprature Rise Limits	:	65 / 60		K
13.	Cooling method	:	ONAN		
14.	Operation duty	:	Continuous		
15.	Altitude	:	≤ 1000		m
16.	Oil details	:	Shell Dialla S4 ZX-1 or Equivalent		
17.	Surface Protection & Outer Colour	Acc. to ISO 12944-5 :	120 µm thickness	&	RAL 7033

Test Voltage Levels

* Acc. to IEC 60076-3

	Um (kV)	Full Wave Lightning Impulse Withstand LI (kV)	Applied Voltage AC Withstand AV (kV)
18. HV side	≤ 12	75	28
19. LV side	≤ 1,1	---	3

Bushing Types & Terminations

		Standard & Type		Placement & Protection Class	
20. HV side		DIN	Porcelain	On the cover	without cable box
21. LV side		DIN	Porcelain	On the cover	without cable box

Guaranteed Values

22.	No-Load Losses (Po)	:	300		Watt
23.	Load Losses @ 75 °C & Nom. Pos. (Pk)	:	2350		Watt
24.	Short Circuit Impedance @ 75 °C & Nom. Pos. (Uk)	:	4,5		%
25.	Short Circuit withstand Dur (t _{sc})	:	2		s

* Note : Tolerances will be applied on guaranteed values accordinto IEC 60076.

Outer Dimensions

	Total	@ Transporting
28. Length	1320	1320 mm
29. Width	820	820 mm
30. Height	1360	1360 mm
31. Roller Space	520	-- mm

Weights

32.	Oil	:	190		kg
33.	Active Part	:	540		kg
34.	Total	:	870		kg
35.	Transport mass of tank	:	870		kg

* Note : All dimensions and weigths are specified as approximately. Actual product may differ from above calculated values.

Accessories

- Off-Load Tap Changer (1 pc.)
- Oil Level Indicator (1 pc.)
- Pressure Relief Device (1 pc.)

Additional Information