

Oil Distribution Transformer

Transformer: Oil transformer AL 800/22/0.4H AoAk Type: APL21

<u>Electrical Data</u>	<u>Data</u>	<u>Units</u>
Rated Power	800	kVA
Rated Primary Voltage	22	kV
Rated Secondary Voltage	0.4	kV
Rated Frequency	50	Hz
Number of phases	3	
Group of connection	Dyn11	
Short-circuit impedance	6	%
No-load losses	650	W
Load losses	6000	W
LV,HV Winding	Aluminum	

Technical Data

Design version	Hermetic	
HV bushings	K180	
LV bushings	DT2000	
Rating of the tap-change	-2+2x2.5%	
Temperature rise limit	60/65	
Cooling method	ONAN	
Noise level (1 m)	40	dB(A)
Installation	Indoor/Outdoor	
Insulation class	24/1.1	
Insulation level:		
1.2/50 us	125	kV
50Hz, 1min	50	kV

Overall dimensions:

Height	1900	mm
Width	1020	mm
Length	1670	mm

Weight

Total	3,350.00	Kg
Oil	670	Kg

Protection /Control device on transformer

Oil level indicator	NO	Pressure relief valve	YES
Dial type thermometer	NO	Safety control device	DGPT

** Tolerances according IEC 60076 & IS 50464