

LTP

Transformer & Power

A. d. Schleifmuehle 37
28203 Bremen, Germany

TECHNICAL SPECIFICATION

NAME: Three -phase oil-Immersed transformer according to IEC 60076- BS 171, with conservator, , suitable for outdoor installation, a maximum ambient temperature of 45 ° C and maximum altitude for installation of 1000 m above sea level, with copper windings, routine test and Tolerance according to IEC60076- BS 171

Model-LTP

Type -Model	: LTP -1500/11	Cooling method	: ONAN
Rated Capacity KVA	: 1500 KVA	Operating duty	: DB
Rated Voltage	: 11000/415 Volts	Frequency (Hz)	: 50
Rated current	: 78.7 / 2087 Amps.	Mode	: LT
Tapping	: HV side in 4 steps of 2.5%	Class of Insulation Material	: A
	: +5% to – 5%	Mounting	: Ground
Vector Group	: Dyn 11		
Neutral Point	: taken out on LV side with		100% rating inside LV Cable Box

No load losses W	: 1800	Tolerance : + 15%	
Load losses at 75°C W	: 16500	Tolerance : + 15%	
Total losses W	: 18300	Tolerance : + 10%	
Short circuit voltage At 75°C (Impedance)	: 6.15 %		
Oil Quantity (Approx.)	: 950 Kgs./ 1180 Litres		
Total Weight (Kg)	: 4700		

DIMENSIONS (Approximate)

Length (mm)	: 2100
Width (mm)	: 2800
Height (mm)	: 2300

Regulation at Rated Current	At U.P.F. 1.31%	At 0.80 P.F. 4.40%
Efficiency at Rated Current	: At 125% 98.67%	: At 100% 98.78%
	: At 75% 99.01%	: At 50% 99.20%
	: At 25% 99.14%	: ---

Standard Accessories : As per customer's requirement

Bushings : HV 3 pcs. IS:3347 similar to DIN 42531
: LV 4 pcs. IS:3347 similar to DIN 42530 (**Cable Box**)

Painting : Standard Transformer Colour or as per customer's requirement

Notes : Max. ambient temperature 45°C
: Max. over temperature of oil 55°C
: Max. over temperature of winding 65°C
: Lightning Impulse withstand test 70 K.V.P
: Applied Voltage withstand test HV 28 K.V.R.M.S.
LV 3 K.V.R.M.S.

Inscription : English

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