

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 -2000/11	Cooling method	: ONAN
Rated Capacity KVA	: 2000 KVA	Operating duty	: DB
Rated Voltage	: 11000/415 Volts	Frequency (Hz)	: 50
Rated current	: 105 / 2782 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	: 2600	Tolerance : + 15%
Load losses at 75°C	W	: 20100	Tolerance : + 15%
Total losses	W	: 22700	Tolerance : + 10%
Short circuit voltage			
At 75°C (Impedance)		: 6.25 %	Tolerance + 10 %
Oil Quantity (Approx.)		: 1312 Kgs./	1600 Litres
Total Weight (Kg)		: 6100	

DIMENSIONS (Approximate)

Length (mm)	: 2700
Width (mm)	: 2900
Height (mm)	: 2150

Regulation at			
Rated Current	At U.P.F. 1.20%	At 0.80 P.F.	4.60%
Efficiency at	: At 125%	99.10%	At 100%
Rated Current	At 75%	99.08%	At 50%
	At 25%	99.23%	---

Standard : As per customer's specifications

Accessories

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.R.M.S.
: Applied Voltage withstand test HV 28 K.V.R.M.S.
LV 3 K.V.R.M.S.

Inscription : English

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