

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 -1000/3300	Cooling method	: ONAN
Rated Capacity KVA	: 1000 KVA	Operating duty	: DB
Rated Voltage	: 3300/433 Volts	Frequency (Hz)	: 50
Rated current	: 175 / 1333.4 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	: 1400	Tolerance : + 15%
Load losses at 75°C	W	: 12000	Tolerance : + 15%
Total losses	W	: 13400	Tolerance : + 10%
Short circuit voltage			
At 75°C (Impedance)		: 5.50 %	Tolerance ± 10 %
Oil Quantity (Approx.)		: 755 Kgs./	820 Litres
Total Weight (Kg)		: 3300	

DIMENSIONS (Approximate)

Length (mm)	: 1950
Width (mm)	: 1900
Height (mm)	: 1800

Regulation at			
Rated Current	At U.P.F. 1.34%	At 0.80 P.F.	4.24%
Efficiency at	: At 125%	98.93%	At 100%
Rated Current	: At 75%	98.93%	At 50%
	: At 25%	99.15%	---

Standard : As per customer's specifications
Accessories

Bushings : HV 3 pcs. IS:3347 similar to DIN 42531 Open type or in cable box
: 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 21 K.V.P
: Applied Voltage withstand test HV 9.0 K.V.R.M.S.
LV 3 K.V.R.M.S.

Inscription : English

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