

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 3000-33/11	Cooling method	: ONAN
Rated Capacity KVA	: 3000 K.V.A.	Operating duty	: DB
Rated Voltage	: 33000/11000 Volts	Frequency (Hz)	: 50
Rated current	: 52.48 / 157.46 Amps.	Mode	: HT
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 on top Cover of T/F.

No load losses W	: 4500	Tolerance : + 15%	DIMENSIONS (Approximate)
Load losses at 75°C W	: 24000	Tolerance : + 15%	Length (mm)
Total losses W	: 28500	Tolerance : + 10%	: 2500
Short circuit voltage At 75°C (Impedance)	: 6.50 %		Width (mm)
Oil Quantity (Approx.)	: 1650 Kgs./ 2000 Litres		: 3700
Total Weight (Kg)	: 9200		Height (mm)
			: 2800

Regulation at Rated Current	At U.P.F. 1.08%	At 0.80 P.F. 4.54%
Efficiency at Rated Current	At 125% 98.75%	At 100% 99.98%
	At 75% 99.15%	At 50% 99.44%
	At 25% 99.26%	---

Standard Accessories : As per customer's specifications

Bushings : HV 3 pcs. IS:3347 similar to DIN 42531
: LV 4 pcs. IS:3347 similar to DIN 42530

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

Notes	: Max. ambient temperature	45°C
	: Max. over temperature of oil	50°C
	: Max. over temperature of winding	55°C
	: Lightning Impulse withstand test	175 K.V.P
	: Applied Voltage withstand test	HV 70 K.V.R.M.S.
		LV 28 K.V.R.M.S.

Inscription : English

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