

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- 100/11	Cooling method	: ONAN
Rated Capacity KVA	: 100 KVA	Operating duty	: DB
Rated Voltage	: 11000/400 Volts	Frequency (Hz)	: 50
Rated current	: 5.25 / 145 Amps.	Mode	: LT
Tapping	: HV side in 4 steps of 2.5%	Class of Insulation Material	: A
	: +5% to - 5%	Mounting	Ground / Pole
Vector Group	: Dyn 11		
Neutral Point	: taken out on LV side with		100% rating inside LV Cable Box

No load losses	W	: 280	Tolerance : + 15%
Load losses at 75°C	W	: 1800	Tolerance : + 15%
Total losses	W	: 2080	Tolerance : + 10%
Short circuit voltage			
At 75°C (Impedance)		: 4.50 %	Tolerance : + 10%
Oil Quantity (Approx.)		: 148 Kgs./	180 Litres
Total Weight (Kg)		: 680	

DIMENSIONS (Approximate)

Length (mm)	: 1100
Width (mm)	: 1100
Height (mm)	: 1500

Regulation at				
Rated Current	At U.P.F. 1.64%	At 0.80 P.F.	3.66%	
Efficiency at	: At 125%	97.98%	At 100%	98.18%
Rated Current	At 75%	98.40%	At 50%	98.81%
	At 25%	98.60%	---	

Standard Accessories : As per customer's requirement

Bushings : HV 3 pcs. IS:3347 similar to DIN 42531 **Outdoor type**
: 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	60°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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