

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

Induction Furnace Transformer

Type -Model	: LTP -900/11	Cooling method	: ONAN
Rated Capacity KVA	: 900 KVA	Operating duty	: DB
Rated Voltage	: 11000/720 Volts	Frequency (Hz)	: 50
Rated current	: 47.24 / 721.7 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	: 1300	Tolerance : + 15%
Load losses at 75°C W	: 10800	Tolerance : + 15%
Total losses W	: 12100	Tolerance : + 10%
Short circuit voltage At 75°C (Impedance)	: 6.00 %	Tolerance + 10 %
Oil Quantity (Approx.)	: 730 Kgs./	890 Litres
Total Weight (Kg)	: 3050	

DIMENSIONS (Approximate)

Length (mm)	: 1950
Width (mm)	: 1800
Height (mm)	: 1850

Regulation at Rated Current	At U.P.F. 1.37%	At 0.80 P.F. 4.57%
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Efficiency at Rated Current	: At 125% 99.85%	At 100% 98.35%
	: At 75% 98.92%	: At 50% 98.90%
	: At 25% 99.13%	---

Standard Accessories : As per Customer Specifications

Bushings : HV 3 pcs. IS:3347 similar to DIN 42531 (**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	70 K.V.R.M.S.
	: Applied Voltage withstand test	HV 28 K.V.R.M.S.
		LV 5 K.V.R.M.S.

Inscription : English

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