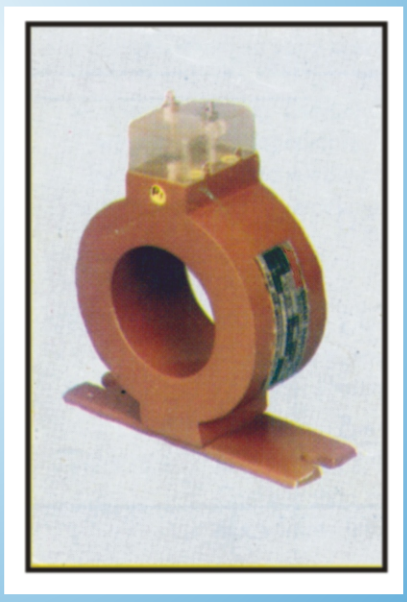
[SINCE-1989]

LOW TENSION BPL CURRENT TRANSFORMER



ISO-9001:2008

Accreditation No. 200905-1

एन.एस.आई.सी.
NSIC

D&B
Decide with Confidence

Directorate of Industries,
Uttar Pradesh
उद्योग निदेशालय उ0प्र0

★ CERTIFIED COMPANY ★

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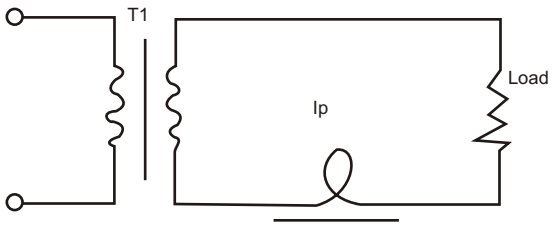
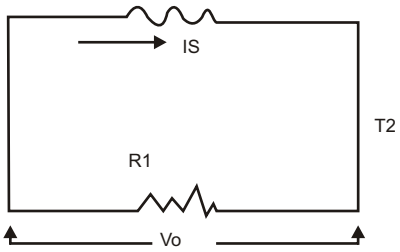
LOW TENSION BPL CURRENT TRANSFORMER

We, at Shri Tulsi Switchgear Pvt. Ltd. have more than 10 years of experience in the design, manufacturing and supply of STS mate CT's confirming to Indian standard IS 2705-1981/1992, we have well equipped testing lab with highly so phisticated Instruments. We are fast upcoming leading manufacturer in this trade.

Current Transformer are used to measure or monitor the Current in the lead of an AC power circuit, Its steping down current from higher value to lower value of measurement/ protection/ Control.



Variuos Products : We now have a wide variety of Curent Transformers, such as LT ring type measuring CT's Protective 5P10 CT's Rectangular CT's resin cast Epoxy CT's & WPL CT's ratio 5/5 to 5000/5 Amp TO 15VA class (0 or 1.5C).



A. Measuring CT's are used with Amp. meter, Wattmeters, KVA meter and KWH meters for reducing current to 1Amp or 5 Amp.

B. Protective Trancformers are used with Overcurrent Protection, Earth Fault Protection, Differential Protection.

GOVERNING STANDARDS:

1. IS 2705/1981 By Bureau of Indian Standard
2. IS 3938/1973 By International Electrotechnical Commission
3. IS 185/1986 By British Standard's Institution

CLASS	±Percentage current Error at Percentage of rated Current				±Phase displacement in minutes at Percentage of rated current			
	5	20	100	120	5	20	100	120
0.1	0.4	0.2	0.1	0.1	15	8	5	5
0.2	0.75	0.35	0.2	0.2	30	15	10	10
0.5	1.5	0.75	0.5	0.5	90	45	30	30
1.0	3.0	1.5	1.0	1.0	180	90	60	60

CLASS	Limits of error & accuracy Class 3 & 5 Percentage current error at percentage of rated Current	
	50	120
3	±3	±3
5	±5	±5

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LOW TENSION BPL CURRENT TRANSFORMER

PVC tape Insulated Ring Type CT's as well as Rectangular too.

Core of Ring type CT, Coremade of Nickel Iron alloy or Oriented Electrical Steel Continous woundstrip

Core is taped with Insulating tape

Secondary winding Conductor wound on the taped-core by means of hand-winding or tortoidal winding machine

Exterior tape is then Provided with circumferential insulating wraps

ROUTINE TEST

1. Class of Accuracy
2. Verification of Terminal marking (P_1-P_2)
3. Polarities Check S_1-S_2
4. Short time Current test
5. Temperature rise test
6. Ratio of the CT
7. Error Measurement
   (Ratio error and Phase displacement)
8. Over Voltage inter turn tests
9. Burden VA of the CT
10. HV Test

SALIENT FEATURES

1. Long Durability
2. Easy Mounting
3. High Quality Core Use
4. HV Tested
5. Absolutely Insulated
6. Availability of Wind Verity
7. Availability in Different Designs
8. Overcurrent Protection
9. Earth Fault Protection
10. Differential Protection
11. Tested by BIS approved test lab

SHRI TULSI SWITCHGEAR PVT. LTD.
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