


CURRENT TRANSFORMER

ALL OF OUR
PRODUCTS WITH
HOLOGRAMS



Low Voltage PVC Tape, Resin cast Ring type, Rectangular type Current Transformer for Metering, Protection, Core Balance And other applications


Indusree®

Back Ground of INDUSREE

Ever since its foundation 27 years Back i.e in 1980, we "INDUSREE" have extensively been engaged in designing, engineering and manufacturing of electrical equipments such as transformer, inductor, power supplies, battery chargers, control panals, electronic items for different industrial use.

"INDUSREE" Products now satisfactorily meet all the standards such as IS, IEC, IEEE, ANSI & others. "INDUSREE" always try to maintain the quality and the delevry as a result succesfully maintain the competitiveness in the market. "INDUSREE" look forward with keen interest for an opporntunity to participate in the present and future projects of valued clients.

A Current Transformer is defined as an instrument transformer working on the principle of variable flux. The Current Transformer as a device protects and measures in any power system. "INDUSREE" make CT's are available as single, double or multi ratio units.5 Ampere secondary is standard but 1 Ampere secondary are also available.

Accuracy class are available as Class 0.2,0.5,1, 3 & 5.

Limits of error for standard accuracy class 0.2,0.5 & 1, 3 & 5 are:

RATIO ERROR

± Ratio Error at % of Rated Current

Accuracy Class	5%	20%	50%	100%	120%
0.2	0.75	0.35	-	0.20	0.20
0.5	1.50	0.75	-	0.50	0.50
1.0	3.00	1.50	-	1.00	1.00
3.0			3.0		3.0
5.0			5.0		5.0

PHASE ANGLE ERROR

± Phace displacement in minutes at % of rated current

Accuracy Class	5%	20%	50%	100%	120%
0.2	30	15	-	10	10
0.5	90	45	-	30	30
1.0	180	90	-	60	60

Material Standards

- Cores grain oriented silicon steel up to 0.23mm thick, annealed after forming to provide maximum accuracy.
- Core insulation is electrical grade kraft paper, polyester Film, nomex or epoxy.
- Good quality electrolytic grade copper used.
- All CT's are provided with name plate, polarity & Holograme, marking.
- CT's are made to IS-2705.
- Products are tested from Govt. Authorised Test House.

Testing : "INDUSREE" make CT's are tested polarity, ratio and phase angle, saturation, temperature rise ,open circuit, power factor, partial discharge and other physical & mechanical testing.



ISO 9001:2000 CERTIFIED ORGANISATION



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