

MOULDED CURRENT TRANSFORMERS

A transformer is an electrical device that transfers electrical energy between two or more circuits through electromagnetic induction. A varying current in one coil of the transformer produces a varying magnetic field, which in turn induces a varying electromotive force (emf) or "voltage" in a second coil. Power can be transferred between the two coils through the magnetic field, without a metallic connection between the two circuits. Faraday's law of induction discovered in 1831 described this effect. Transformers are used to increase or decrease the alternating voltages in electric power applications.

KEY FEATURES

- Ring Type
- PVC Tape wound
- Manufactured to ISO EN60044/1
- Stainless steel fixing lugs
- Rated system voltage 0.72/3kV v
- Ambient temperature range - 30°C to 85°C
- Frequency Range 5 - 60Hz
- Insulation level - 3kv (50hz for 1 min)



TECHNICAL SPECIFICATION

ENCAPSULATED TRANSFORMERS

Order No	Ratio	Burden	Class	Size Range		
CT/100/5	100/5	2.5va	1	30mm	68mm	33mm
CT/200/5	200/5	5.0va	0.5	30mm	68mm	36mm
CT/300/5	300/5	5.0va	0.5	48mm	82mm	40mm

