

I_{PN}

Notes : ¹⁾ If the short-circuit has a duration more than 1 s, the primary current of the supply voltage must be interrupted for a short time to restore the transducer to proper working order. The internal protection is done by PTC resistors

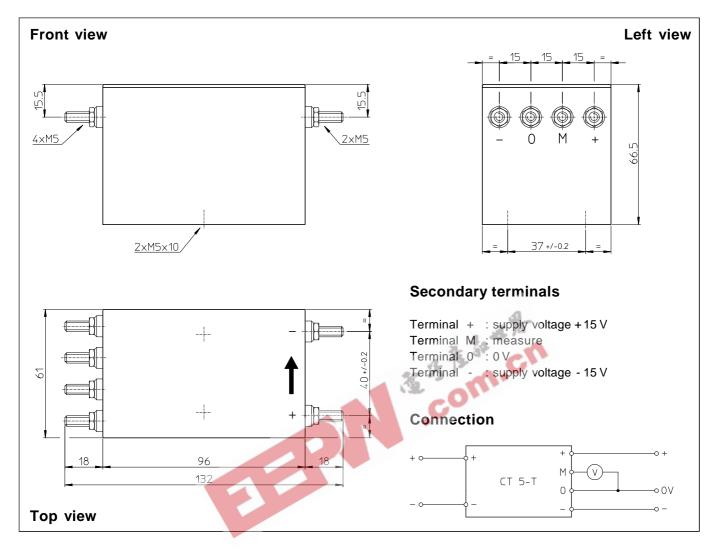
²⁾ A list of corresponding tests is available

Current Transducer CT 5-T

980814/5



Dimensions CT 5-T (in mm. 1 mm = 0.0394 inch)



Mechanical characteristics

- General tolerance
- Fastening
- Connection of primary
- Connection of secondary
- Fastening torque

± 0.3 mm
2 x M5 screws

M5 threaded studs M5 threaded studs

2.2 Nm or 1.62 Lb - Ft

Remarks

- V_{OUT} is positive when I_{P} flows in the direction of the arrow.
- This transducer induces into the primary circuit a square wave of 70 mV amplitude (frequency »220 Hz). This voltage can induce an AC current in the primary if the primary impedance is low.
- This is a standard model. For different versions (supply voltages, turns ratios, unidirectional measurements...), please contact us.

LEM reserves the right to carry out modifications on its transducers, in order to improve them, without previous notice.