



ACST-3110

Split Core Current Transformers

FEATURES

- Small core type
- Low cost
- High secondary turns
- Secure locking hinge

OPTIONS

- Packaging is Standard, Custom available
- Tolerance: 5% is standard, Tighter tolerances available

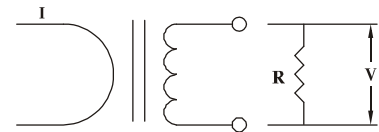
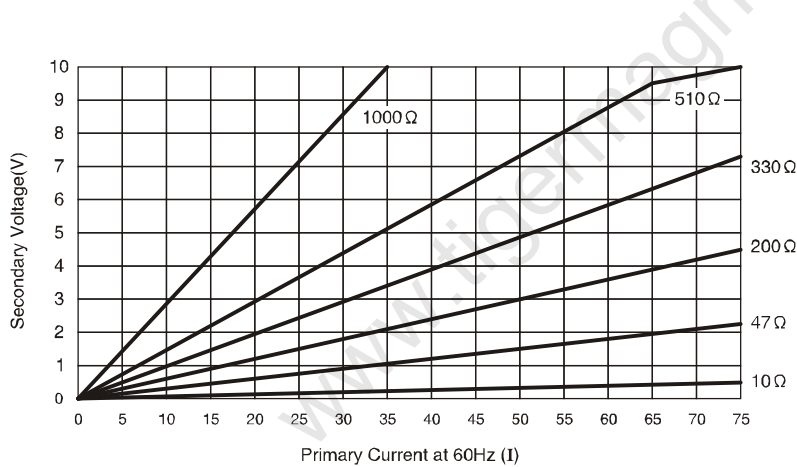
APPLICATIONS

- Portable instruments
- Sub - metreing
- Monitor motor loads

The ACST-3110 Split—core current transformer is designed to provide a low cost method to monitoring electrical current. A unique hinge and locking snap allows attachment without interrupting the current—carrying wire. High secondary turn will develop signals up to 10.0 Vac across a burden resistor.

L	DCR	Primary Current	Secondary Turns	Insulation Resistance	High Potential	Frequency
10H min	460 Ohm max	75A/AC	3000	100M Ohm @500V/DC	1000V/1 min	50/60Hz

@25°C (Operating Temperature: -40°C ~ +85°C)



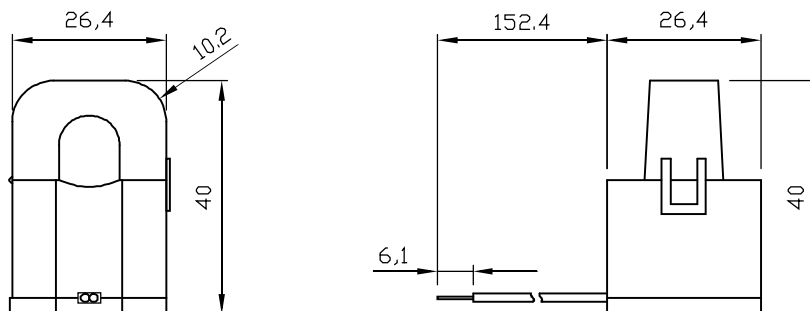
Bold lines indicate linear region according to formula:

$$V = \frac{I \times R}{3100}$$

V : in Volts AC RMS

I : Amps AC RMS

R : in Ohms



All Dimensions in mm