



Speciality Magnetic Components
QUALIFIED to ISO 9001:2008

Miniature Hall Effect Current Transformer Type HTP25CPTH



The HTP25CPTH is a closed loop Hall Effect Current Transformer suitable for measuring currents up to 25A. The product provides an output current into an external load resistance which is galvanically isolated from the primary conductor. All contacts, including the primary, are designed for PCB mounting.

The HTP25CPTH complements the existing HTP range giving comparable accuracy in a substantially smaller volume, and a smaller footprint. There are three separate primary conductors which can be connected in parallel to give the full rated current or in series to give a lower rated current without sacrificing relative offset performance. In addition a hole through the centre allows the measurement of the sum of two different currents such as two phases of a motor.

Features

- Miniature Package
- 5 kV Proof Stress
- Fast Response
- Contacts via PCB
- Designed in Quality
- Through Hole Design

Benefits

- Small PCB Footprint
- Galvanic Isolation
- High Accuracy
- Ease of assembly
- High Reliability
- Differential Measurement Capability

Applications

- Variable Speed Drives
- UPS Systems
- D.C. Power Supplies
- Low Frequency Current Measurement
- Overcurrent Protection
- Robotics
- Frequency Inverters
- Power Factor Monitoring

