

SCT-0750, SCT-1250, SCT-2000

Split-Core Current Transformers

for low-cost, high accuracy contactless current sensing



Description

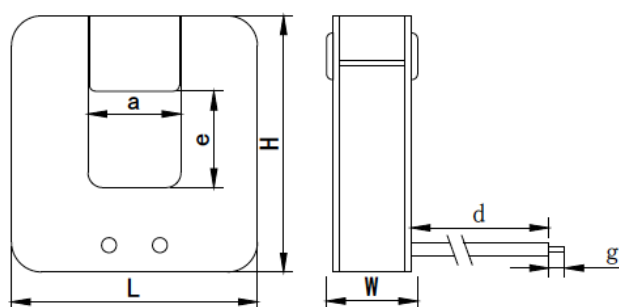
The SCT-0750, SCT-1250, and SCT-2000 are split core current transformers (CT) that enable low-cost and high accuracy current sensing.

Typical applications include 50 Amps to 800 Amps contactless current measurement at line frequencies of 50 Hz or 60 Hz. Furthermore the split core design allows easy and safe “clamp-on” installation without breaking the power line.

Characteristics

| Parameter | Typical Value | Unit |
|-----------------------|---------------|------|
| Primary current range | 50...800 | A |
| Output voltage | 0.333 | V |
| Accuracy | 1 | % |
| Operation temperature | -20...+55 | °C |
| Operation frequency | 50/60 | Hz |
| Insulation | 3 | kV |

Geometry



Model Order Codes: SCT-xxxx

| Model \ Dimensions | L | W | H | a | e | d | g |
|--------------------|-----|----|-----|----|----|------|---|
| SCT-0750 | 52 | 19 | 54 | 19 | 18 | 1000 | 6 |
| SCT-1250 | 82 | 27 | 85 | 32 | 32 | 1000 | 6 |
| SCT-2000 | 121 | 31 | 127 | 51 | 51 | 1000 | 6 |

(all dimensions: mm)