

SCT-T10

Split-Core Current Transformer

for low-cost, high accuracy contactless current sensing



Description

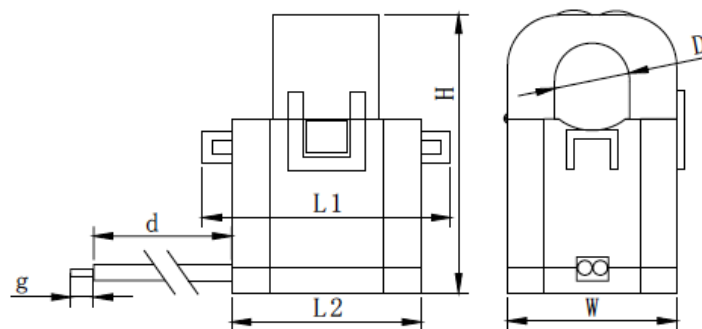
The SCT-T10 is a split core current transformer (CT) that enables low-cost and high accuracy current sensing.

Typical applications include contactless current measurement up to 80 Amps 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 | 80 | A |
| Output voltage | 0.333 | V |
| Accuracy | 1 | % |
| Operation temperature | -20...+55 | °C |
| Operation frequency | 50/60 | Hz |
| Insulation | 3 | kV |

Geometry



Model Order Code: SCT-T10

| Model \ Dimensions | L1 | L2 | W | H | D | d | g |
|--------------------|----|----|----|----|----|------|---|
| SCT-T10 | 26 | 26 | 23 | 39 | 10 | 1000 | 6 |

(all dimensions: mm)