

# SCT-T36

## Split-Core Current Transformer

for low-cost, high accuracy contactless current sensing



### Description

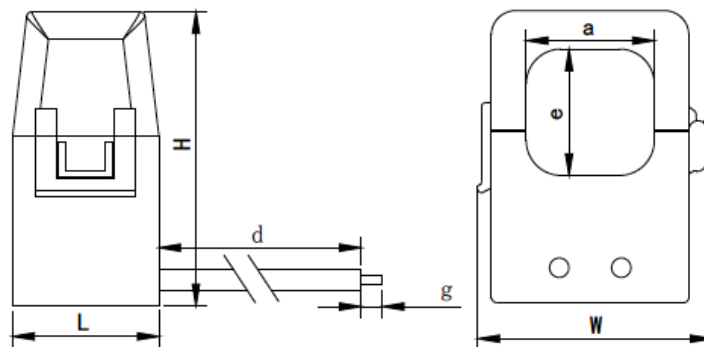
The SCT-T36 is a split core current transformer (CT) that enables low-cost and high accuracy current sensing.

Typical applications include contactless current measurement up to 500 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	500	A
Current ratio (Model SCT-36-100-1)	100:1	a.u.
Current ratio (Model SCT-36-300-5)	300:5	a.u.
Accuracy	1	%
Operation temperature	-20...+55	°C
Operation frequency	50/60	Hz
Insulation	3	kV

### Geometry



### Model Order Codes

Model \ Dimensions	ratio	L	W	H	a	e	d	g
SCT-T36-100-1	100:1	42	68	85	36	37	1000	6
SCT-T36-300-5	300:5	42	68	85	36	37	1000	6

(all dimensions: mm)