

Product Name	Current transformer	Model	SCT013-000
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Characteristics: Opening size 13mm\*13mm, 1m leading wire, standard  $\Phi 3.5$  three-core plug output.

Current output type

Purpose: Used for current measurement, monitor and protection for AC motor, lighting equipment, air compressor etc.

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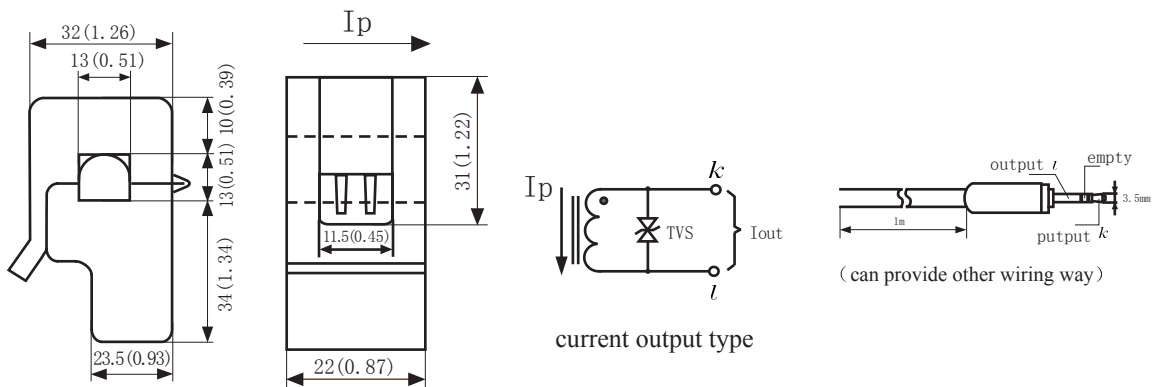
### Technical Data

$I_{PN}$	Rated input	0-100A
$I_{PM}$	Max. detection input	
$I_{OUT}$	Rated output	0-50mA
X	Accuracy	$\pm 1\%$
$\epsilon_L$	Linearity	$\pm 3\%$
N	Turns ratio	1:1800
$\Phi$	Phase shift	$\leq 180'$
$R_L$	Max. Sampling resistance	10 $\Omega$
$V_{PN}$	Work voltage	660V
f	Work frequency	50-1KHz
$T_A$	Operating temperature	-25..+70 $^{\circ}C$
$T_S$	Storage temperature	-40..+85 $^{\circ}C$
Vd	Dielectric strength, 50 Hz, 1 min	3KV



Fire resistance	UL94-V0
Material of core	Ferrite
Mounting type	Suspension
Weight	55g

Dimension ( mm(in). 1 mm= 0.0394 inch)



Front view

Side view

Schematic diagram

Standard three-core plugs schematic diagram