



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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.

Patent No.: ZL 2015 3 0060067. X

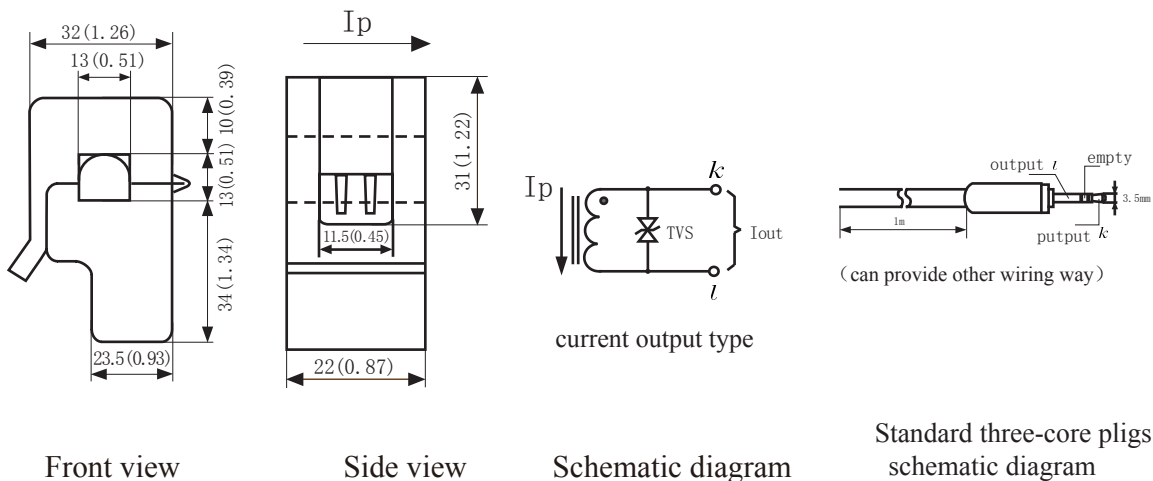
Technical Data

I_{PN}	Rated input	0-100A
I_{PM}	Max. detection input	
I_{OUT}	Rated output	0-50mA
X	Accuracy	$\pm 1\%$
ϵ_L	Linearity	$\pm 3\%$
N	Turns ratio	1:1800
Φ	Phase shift	$\leq 180'$
R_L	Max. Sampling resistance	10 Ω
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