



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Product Name	Current transformer	Model	SCT013-030
--------------	---------------------	-------	------------

Characteristics: Opening size 13mm\*13mm, 1m leading wire, standard  $\Phi 3.5$  three-core plug output.  
voltage 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

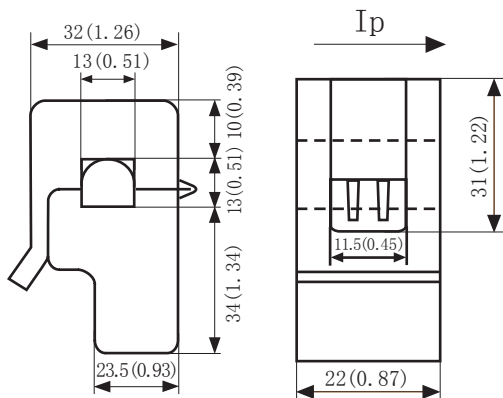
### Technical Data

$I_{PN}$	Rated input	0-30A
$I_{PM}$	Max. detection input	
$I_{OUT}$	Rated output	0-1V
X	Accuracy	$\pm 1\%$
$\epsilon_L$	Linearity	$\leq 0.2\%$
N	Turns ratio	1:1800
$\Phi$	Phase shift	
$R_L$	Max. Sampling resistance	
$V_{PN}$	Work voltage	660V
f	Work frequency	50-1KHz
$T_A$	Operating temperature	-25..+70°C
$T_S$	Storage temperature	-40..+85°C
Vd	Dielectric strength, 50 Hz, 1 min	3KV



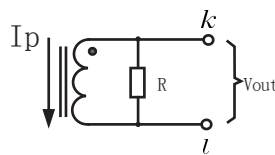
Fire resistance	UL94-V0
Material of core	Ferrite
Mounting type	Suspension
Weight	55g

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

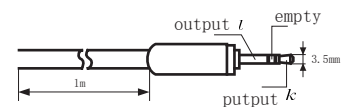


Front view

Side view



voltage output type



(can provide other wiring way)

Standard three-core plugs  
schematic diagram