

Product Name	Current transformer	Model	SCT013-030
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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

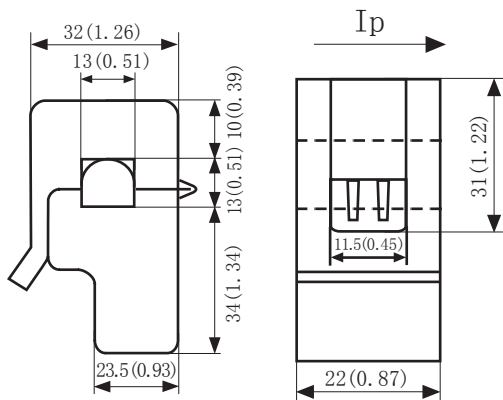
### Technical Data

$I_{PN}$	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



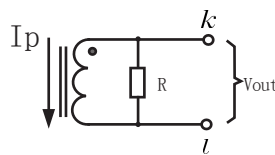
Fire resistance	UL94-V0
Material of core	Ferrite
Mounting type	Suspension
Weight	55g

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

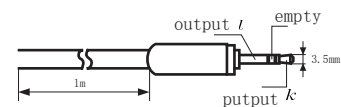


Front view

Side view



voltage output type



(can provide other wiring way)

Standard three-core plugs  
schematic diagram