

# 0.333V Split core current transformer

**YHDC**®  
1992

model: SCT013

## Characteristics:

Split core, 0.333V output, Built-in with sampling resistance, leading wire 1 metre, standardΦ3.5 three core plug output,,  
(Patent no.: ZL 2015 3 0060067.X)



## Technical index:

Suspended mounting, output with cable  
Operation temperature: -25°C ~ +70°C  
Storage temperature: -30°C ~ +90°C  
work voltage: ≤660V  
Work frequency: 50Hz-1KHz  
Dielectric strength: 3.5KV 50Hz 1min

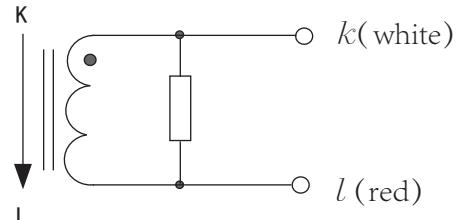
## Technical Parameters table:

Rated Input(Effective value)	10	20	30	50	80	100 A
measurement range	20%~120%					A
Rated output	0.333					V
Auccuracy	1					%
Linearity	1					%
frequency	50~1K					Hz
weight	50					g

Order Format: model Input output Auccuracy  
SCT013/xxA/0.333V/1%

Noted: The rated current ≤100A are the standard product

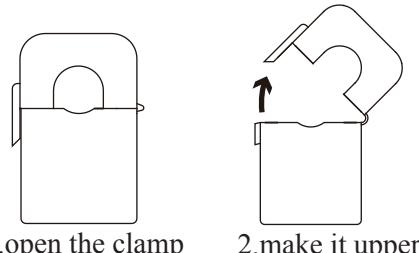
## Wiring schematic:



Voltage output type : Built-in with sampling resistance  
Voltage output type : not allowed secondary short circuit.  
When the plug without audio frequency,  
the white line is the end of the same name

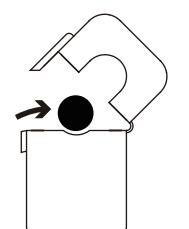
## Installation Diagram

Primary coil through hole method

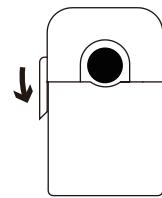


1.open the clamp

2.make it upper

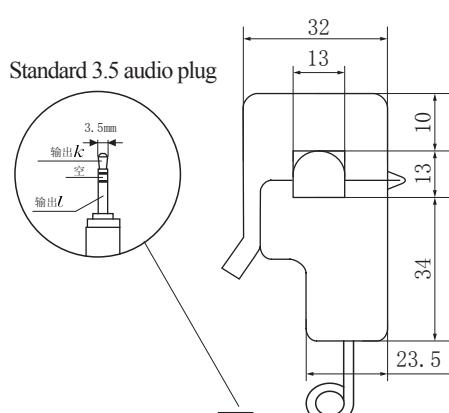


3.put the primary coil in the hole

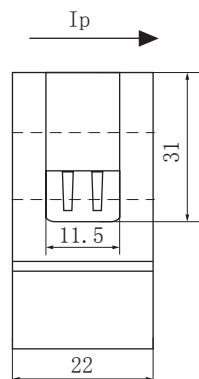


4.close the clamp

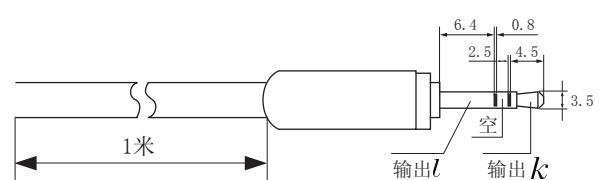
## Outline size: (in:mm):



Front view



Side view



Standard three core plug schematic diagram