



Product Specification

Product Name	Current transformer	Model	SCT006
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Characteristics: Fully compatible with foreign similar products, transient voltage suppressor built-in.
 Application: used for the current measuring, monitoring and protecting of AC motor, lighting equipment and air compressor.

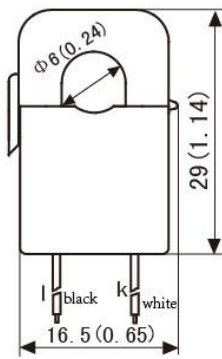
Technical Data

I_{PN}	Rated input	0.01-20A
I_{PM}	Max. detection input	24A
I_{OUT}	Rated output	25mA
X	Accuracy	$\pm 1\%$
ϵ_L	Linearity	$\leq 0.2\%$
N	Turns ratio	1:800
Φ	Phase shift	373'
R_L	Max. Sampling resistance	5 Ω
V_{PN}	Work voltage	660V
f	Work frequency	50Hz-1kHz
T_A	Operating temperature	-25 $^{\circ}\text{C} \sim +60^{\circ}\text{C}$
T_S	Storage temperature	-30 $^{\circ}\text{C} \sim +90^{\circ}\text{C}$
Vd	Dielectric strength, 50 Hz, 1 min	3.5KV

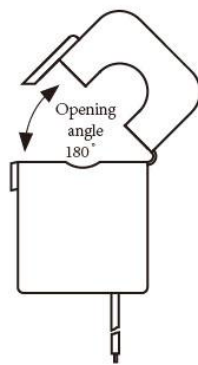


Fire resistance	UL94-V0
Material of core	Ferrite
Mounting type	Suspension
Weight	15g

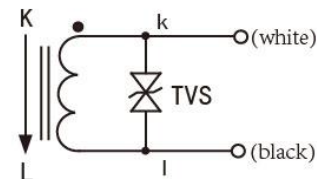
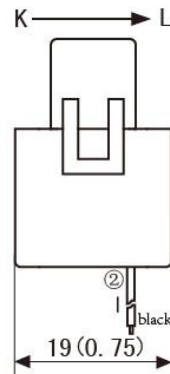
Dimension (mm(in). 1 mm= 0.0394 inch)



Front view



Side view



① current output type

TVS: Transient voltage suppressor

Schematic diagram