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Poweruc SCT013-RJ11 Split core current transformer User Guide

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SCT013-RJ11 Split core current transformer
User Guide

SCT013-RJ11
13 mm Aperture Split core current transformer



Front view



Opening view



Bottom view

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Product features

·Safety lock buckle simple installation ·RJ11 interface output ·Suspended type

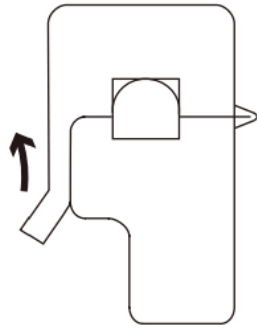
Product application

- Portable instrument
- Household metering
- Monitoring the load of the machine

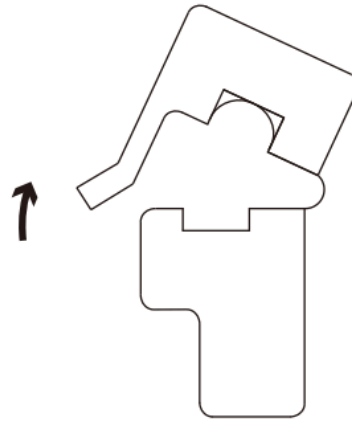
Product advantage

- Small volume lightweight
- Low cost
- High turnsHigh precision

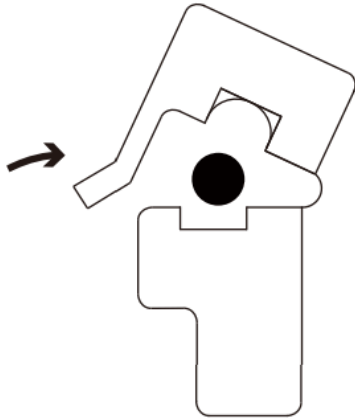
Installation diagram



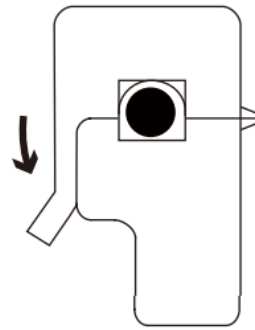
1. Open the buckle



2. Open upward



3. Put in lead wire



4. Fasten the buckle

Primary threading method

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Typical technical index

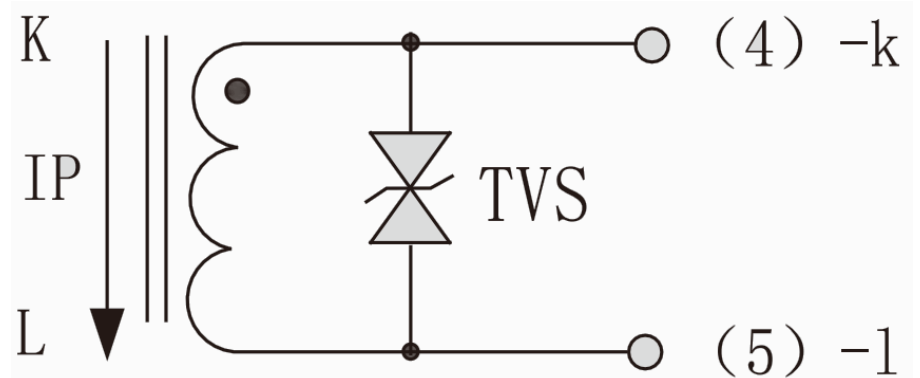
- Material of core—Ferrite
- Working voltage—Phase voltage 720V
- Working temperature—25+60
- Storage temperature—30+90
- Frequency range—50Hz~1KHz
- Dielectric strength—Input bare conductor/output AC 800V/1min 5mA 50Hz
- Output/Outer shell AC 3.5KV/1min 5mA 50Hz

Electrical parameters: The following parameters are typical values and actual values will be subject to product testing

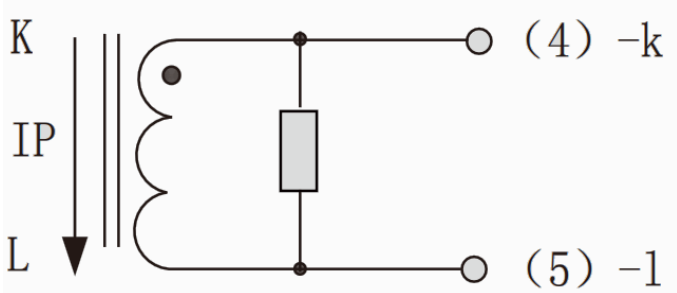
Model	Input current	Input current	Accuracy	Load resistance
SCT013-RJ11	50A	50A	1%	10Ω
SCT013-RJ11	100A	50mA	1%	10Ω
SCT013-RJ11	—	—	—	—

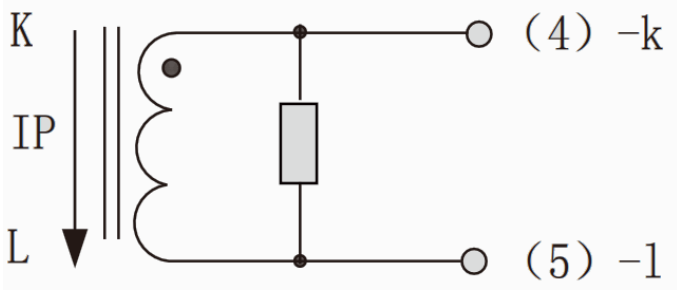
SCT013-RJ11 — — — —

Wiring schematic diagram

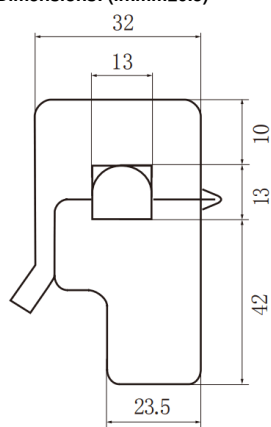


TVS: Transient voltage suppressor(7.5V) Current output type
Secondary doesn't allow open circuit

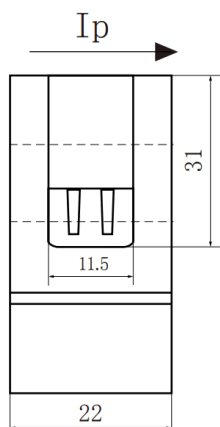
Model	Input current	Output Voltage AC	Accuracy	Load resistance	Wiring schematic diagram
SCT013-RJ11	5A	0.333V	1%	$\geq 10K\Omega$	
SCT013-RJ11	10A	0.333V	1%	$\geq 10K\Omega$	
SCT013-RJ11	15A	0.333V	1%	$\geq 10K\Omega$	
SCT013-RJ11	20A	0.333V	1%	$\geq 10K\Omega$	
SCT013-RJ11	25A	0.333V	1%	$\geq 10K\Omega$	
SCT013-RJ11	30A	0.333V	1%	$\geq 10K\Omega$	
SCT013-RJ11	50A	0.333V	1%	$\geq 10K\Omega$	
SCT013-RJ11	60A	0.333V	1%	$\geq 10K\Omega$	
SCT013-RJ11	100	0.333V	1%	$\geq 10K\Omega$	

Model	Input current	Output Voltage AC	Accuracy	Load resistance	Wiring schematic diagram
SCT013-RJ11	5A	1V	1%	$\geq 10K\Omega$	
SCT013-RJ11	10A	1V	1%	$\geq 10K\Omega$	
SCT013-RJ11	15A	1V	1%	$\geq 10K\Omega$	
SCT013-RJ11	20A	1V	1%	$\geq 10K\Omega$	
SCT013-RJ11	25A	1V	1%	$\geq 10K\Omega$	
SCT013-RJ11	30A	1V	1%	$\geq 10K\Omega$	
SCT013-RJ11	50A	1V	1%	$\geq 10K\Omega$	
SCT013-RJ11	60A	1V	1%	$\geq 10K\Omega$	
SCT013-RJ11	100	1V	1%	$\geq 10K\Omega$	

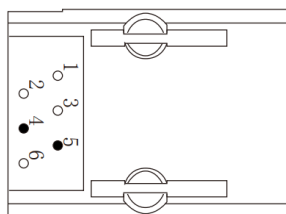
Dimensions: (in:mm ± 0.5)



Front view



Side view



Interface terminal diagram

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Documents / Resources



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