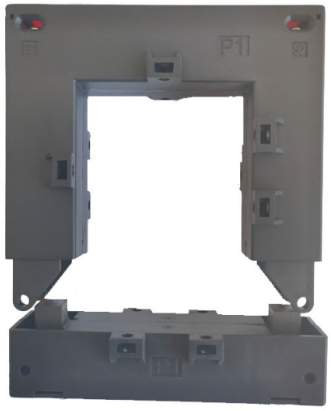
SCT8080QT

□80*80mm Rectangular hole Split core current transformer

Front view



Opening view

Sub-plate mounting Accessories drawing

Platen mounting Accessories drawing

Characteristic

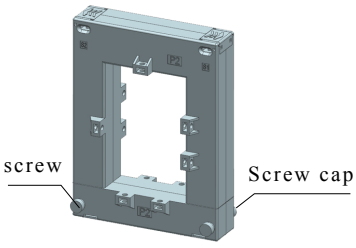
- Rectangular hole
- Terminal output
- Platen mounting (default)/ Sub-plate mounting (optional)

Product application

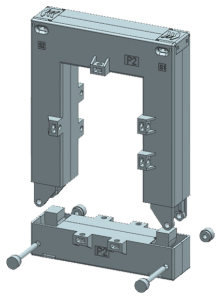
- Ac motor
- Lighting equipment
- Air compressor, etc. current measurements
- Monitoring and protection
- Agricultural network renovation project

Installation diagram

Wearing copper platoon method at a time



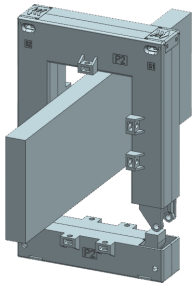
1.Hold down the product and screw and unscrew the cap counterclockwise



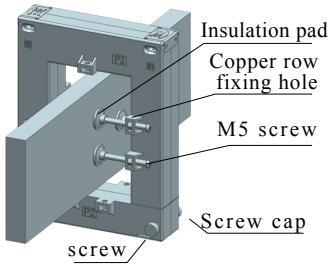
2.Take out the screw and pull out the lower part

Product advantage

- Adopt high permeability silicon steel, good linearity and high sensitivity
- Terminal design in high enough safe distance at both ends
- The end cover is of buckle structure with high mechanical strength
- Easy installation
- Various sizes available (other models of the same series)



3. In the copper platoon



4. Installation drawings

Typical technical index:

- Material of core——Laminated silicon steel
- Working voltage——Phase voltage≤720V
- Working temperature——-20℃～+60℃
- Storage temperature——-25℃～+90℃
- Frequency range——50Hz～60Hz
- Waterproof grade——IP00
- Dielectric strength——Output/shell AC 3.5KV/1min 5mA 50Hz
- Weight——1048g (for reference only)

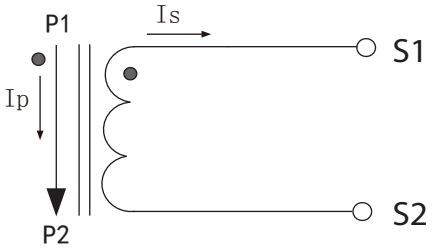
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Can be customized parameters

	Input current A	Output current A	Rated output power VA					Number of turns
			0.2Sgrade	0.2grade	0.5Sgrade	0.5grade	1grade	
1A Output	250A	1A	-	-	-	-	2	1
	400A	1A	-	-	-	2	3.75	1
	500A	1A	-	-	1.5	6.25	10	1
	800A	1A	-	-	2.5	7.5	12.5	1
	1000A	1A	-	-	20	30	50	1
	1500A	1A	20	25	40	50	60	1
	2000A	1A	30	40	60	60	60	1
5A Output	250A	5A	-	-	-	-	1.5	1
	400A	5A	-	-	-	2.5	5	1
	500A	5A	-	-	-	3.75	5	1
	800A	5A	-	-	2.5	7.5	10	1
	1000A	5A	-	-	15	30	50	1
	1500A	5A	20	30	40	50	60	1
	2000A	5A	30	40	50	60	60	1

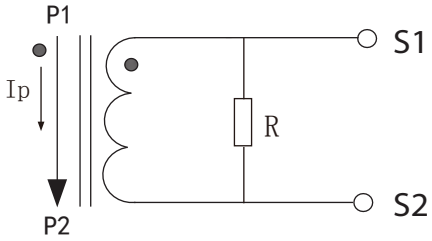
	Input current A	Output voltage V	Accuracy %	Sampling resistance Ω	Load impedance KΩ	Number of turns
0.333V Output	250A	0.333V	1%	built-in	＞10KΩ	1
	400A	0.333V				
	500A	0.333V				
	800A	0.333V				
	1000A	0.333V				
	1500A	0.333V				
	2000A	0.333V				

Schematic diagram:



Current output type

Secondary is not allowed to short circuit



Voltage output type

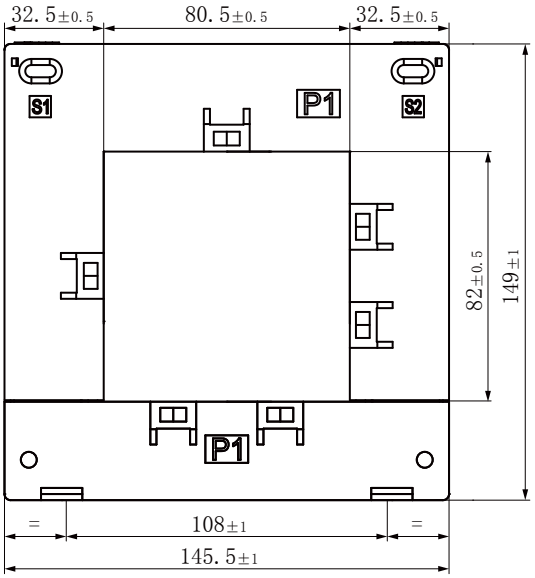
Secondary is not allowed to open circuit

Instructions:

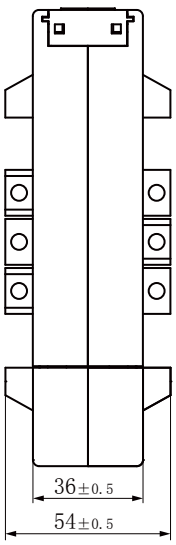
1.Primary threading direction: P1 ⟶ P2

2.Secondary output direction: S1 ⟶ S2

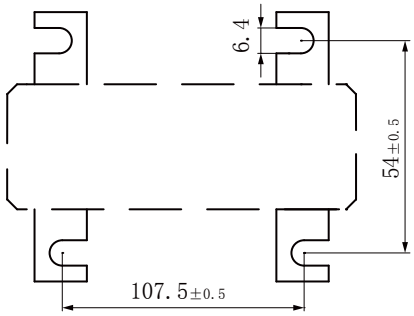
Dimensions（in mm±0.5）:



Front view



Side view



Bottom plate installation size