BCT5021

YHDC®

Solid core power distribution current transformer

Quantity**∗4**

Quantity**∗2**

Quantity**∗2**

Sub-plate mounting

Platen mounting

35mmDin-rail mounting

Front view

Accessories drawing

Accessories drawing

Accessories drawing

Product features

- Through cable or copper row
- Terminal output
- Three mounting methods for sub-plate/platen/parallel din-rail

Product application

Current measurement, monitoring and protection of:

- AC motor
- Lighting device
- Complete cabinet
- Industrial network
- air compressors

Din-rail mounting

Product advantage

- Economical and practical, improve efficiency
- The terminal design has sufficient safety distance at both ends
- The end cap is a buckled structure with high mechanical strength
- Available in a variety of sizes (other models in the same series)

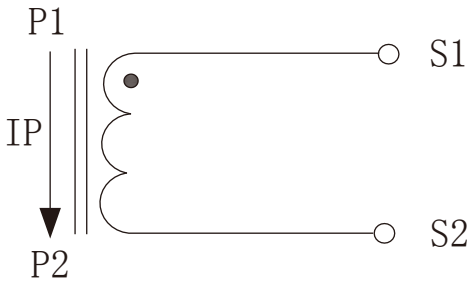Sub-plate mounting

Platen mounting

Typical technical index：

- Material of core——Silicon steel sheet
- Working voltage——Phase voltage≤720V
- Working temperature——-20℃～+60℃
- Storage temperature——-25℃～+65℃
- Frequency range——50Hz～60Hz
- Fair resistance——UL94-V0
- Dielectric strength——Output/Outer shell AC 3.5KV/1min 5mA 50Hz
- Weight--262g

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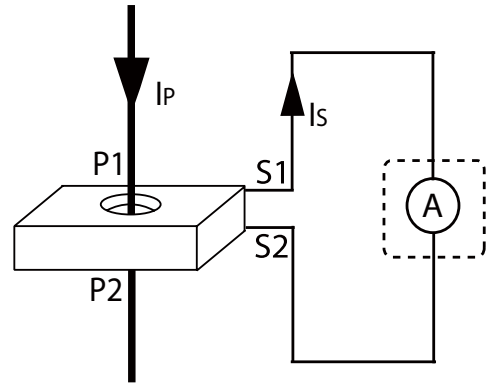
Can be customized parameters

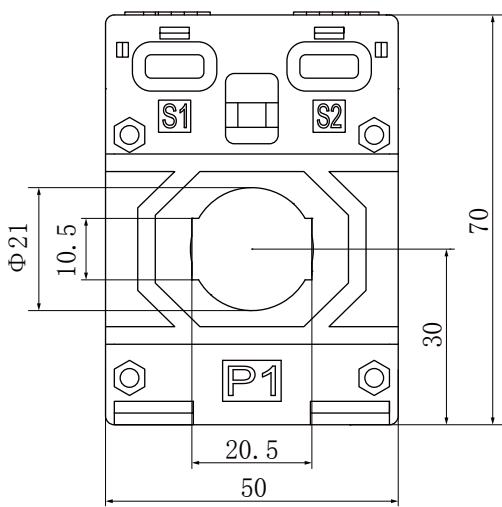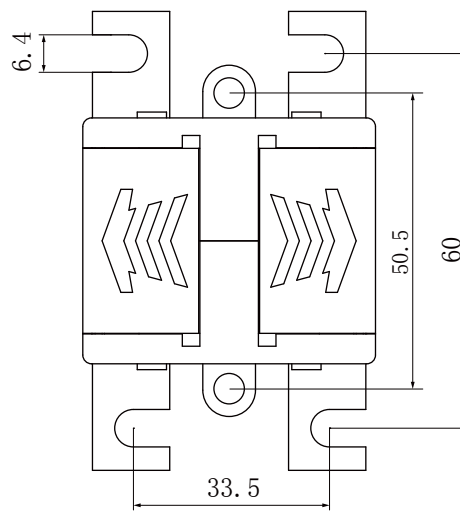|	Input current	Output current	Rated output powerVA					Number of turns
	A	A	0.2S grade	0.2 grade	0.5S grade	0.5 grade	1 grade	
0.1A Output	50A	0.1A	–	20	–	20	20	1
	75A	0.1A	–	20	–	20	20	1
	100A	0.1A	–	20	–	20	20	1
	150A	0.1A	–	20	–	20	20	1
	200A	0.1A	–	20	–	20	20	1
1A Output	50A	1A	–	–	–	0.5	1.5	1
	75A	1A	–	–	–	0.75	2.5	1
	100A	1A	–	–	–	1.5	3.75	1
	150A	1A	–	–	–	2.5	5	1
	200A	1A	–	–	–	3.75	5	1
5A Output	50A	5A	–	–	–	0.5	1.5	1
	75A	5A	–	–	–	0.75	2.5	1
	100A	5A	–	–	–	1.5	3.75	1
	150A	5A	–	–	–	2.5	5	1
	200A	5A	–	–	–	3.75	5	1

Wiring schematic diagram：

P1

IP

P2

S1

S2

Current output type
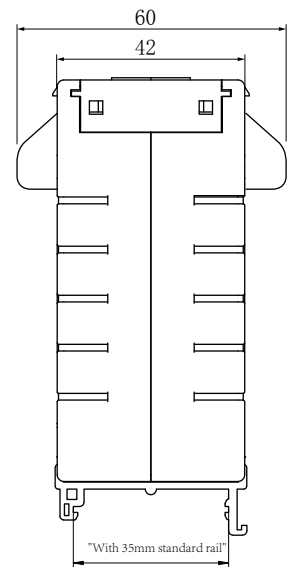
Secondary doesn't allow open circuit

IP

P1

P2

S1

S2

IS

A

Outline size： （in:mm ± 0.5 ）：

S1   S2

Φ21

10.5

P1

20.5

50

30

70

Front view

6.4

50.5

60

33.5

Bent lug size View

60

42

"With 35mm standard rail"

Installation diagram of clamp rail