

HST016L



Detect DC, AC and pulse current, high insulation between primary side and the vice side circuit.

Product picture printing is for reference only, subject to the actual product

Product application

- Metallurgy
- Welding machine
- Robot
- Inverter power
- Inverter speed controller
- UPS uninterruptible power supply

Product features

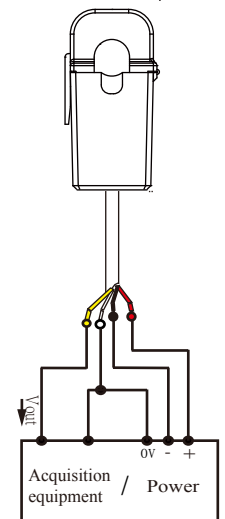
- Light weight
- Low power consumption
- No insertion loss
- Fast response time
- Small size and beautiful appearance
- Suspended mounting and easy to use

Electrical parameters: the following parameters are typical values, the actual values shall be subject to the actual measurement of the product

| | | | | | |
|-------------------------|-----------------|-------|-------|-------|-------|
| Rated input | ±50A | ±80A | ±100A | ±150A | ±200A |
| Input measurement range | ±75A | ±120A | ±150A | ±200A | ±200A |
| Rated output | ±4V | | | | |
| Accuracy | 1% | | | | |
| Linearity | 1% | | | | |
| Supply voltage | ±12V/±15V | | | | |
| Current consumption | ≤12mA | | | | |
| Load impedance | ≥10KΩ | | | | |
| Zero offset voltage | ≤±15mV | | | | |
| Response time | ≤5μs | | | | |
| Weight | 81g | | | | |
| Operation temperature | -10℃~+70℃ | | | | |
| Storage temperature | -25℃~+70℃ | | | | |
| Band width | DC~25KHz | | | | |
| Dielectric strength | 2.5KV 50Hz 1min | | | | |



Wiring diagram:

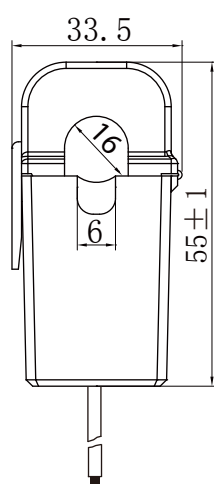


Cable definition:

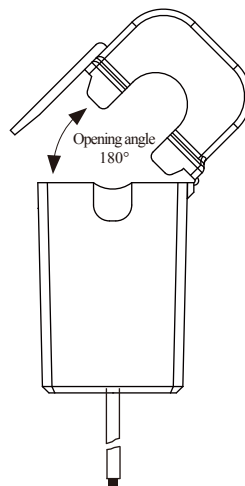
- Red: V+
- Black: V-
- Yellow: Vout
- White: 0V

Cable specification: 0.2mm² four-core shielding wire
Four core colors: red, black, yellow, white
Cable length: 50cm (50cm~55cm)

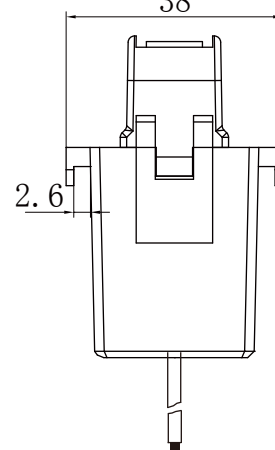
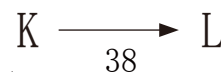
Dimensions (in mm±0.5) :



Front view



Current direction



Side view