

AC current transducer(digital output)



Model:THST18244A-RS485

Square plug terminal output, sub-plate mounting type;The faulty wiring can lead to product damage:The output is linear with primary test current,The output signal can be connected to a digital acquisition device that supports the RS485 communication interface to realize data acquisition and processing.

Technical index:

Flame resistance: UL94-V0

Operating temperature: $-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Storage temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Dielectric strength: 2.5KV 50Hz 1min

Waterproof level:IP00

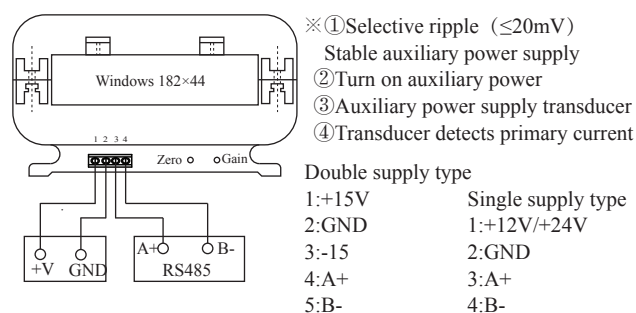


The picture is for reference only

Electric parameters:

Diameter	□182*44
Rated input	1000A~5000A
Measure range	$I_{pn} \times 120\%$
output	Hexadecimal digital measurement value
Power supply	+12V +24V ±15V
Accuracy	≤1%
Linearity	≤0.5%
Current consumption	70mA+I _o
Transmission distance	≤50m
Zero offset	±30mV
Response time	≤200ms
Communication protocol	RS485 Modbus RTU
Baud rate	4800bps/9600bps/19200bps/38400bps/115200bps(optional)
Device address range	0X01~0XFF(optional)
Frequency	50-400Hz

CSchematic diagram:



Connector schematic diagram:



Crimping terminal quick plug,KF2EDGK-3.81-4P-Curved needle,Distance 3.81

Dimensions (in mm):

