

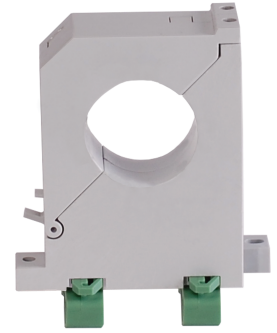
# TST325K



Split core, Din-rail or sub-plate mount, terminal output.  
Detect AC current. High insulation between primary and secondary circuits.

### Safety indexes:

- Fair resistance: with UL94-V0
- Operating temperature:  $-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Storage temperature:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Dielectric strength: 2.5KV 50Hz 1min

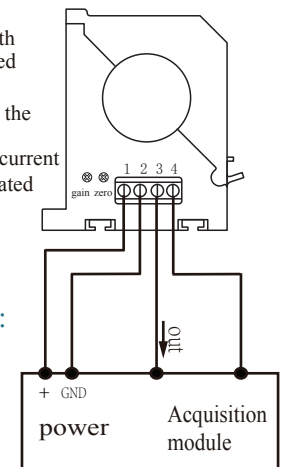


### Technical parameter:

Rated Input	20A	50A
Input measurement range	24A	60A
Rated output	0-20mA/4-20mA/0-5V/1-5V/0-10V	
Accuracy	0.5%	
Linearity	0.5%	
Supply voltage	+12V/+24V	
Current consumption	$\leq 35\text{mA}$	
Load impedance	Current type output: 250Ω(Typification)	Voltage type output: $\geq 10\text{K}\Omega$
Zero offset	Current type output: $\pm 0.08\text{mA}$	Voltage type output: $\pm 15\text{mV}$
Response time	$\leq 350\text{ms}$	
weight	g	
Operating temperature	$-10 \sim +70^{\circ}\text{C}$	
Storage temperature	$-25 \sim +70^{\circ}\text{C}$	
Band width	25~1KHz	
Dielectric strength	2.5KV 50Hz 1min	

### Connection diagram:

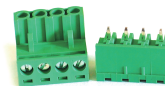
- ※①The auxiliary power supply with ripple small ( $\leq 20\text{mV}$ ) is selected
- ②Switch on auxiliary power
- ③Auxiliary power is connected to the transmitter
- ④Transmitter detects the primary current
- ⑤Both GND internals are not isolated



### Terminal definition:

- 1:+V
- 2:GND
- 3:out
- 4:GND

### Connector Illustration:



Compression terminal quick plug,SY2EDGVC-5.08-04P-4 spacing5.08mm

\*0-10V output needs +24V power supply

### Dimensions(in mm $\pm 0.5$ ) :

