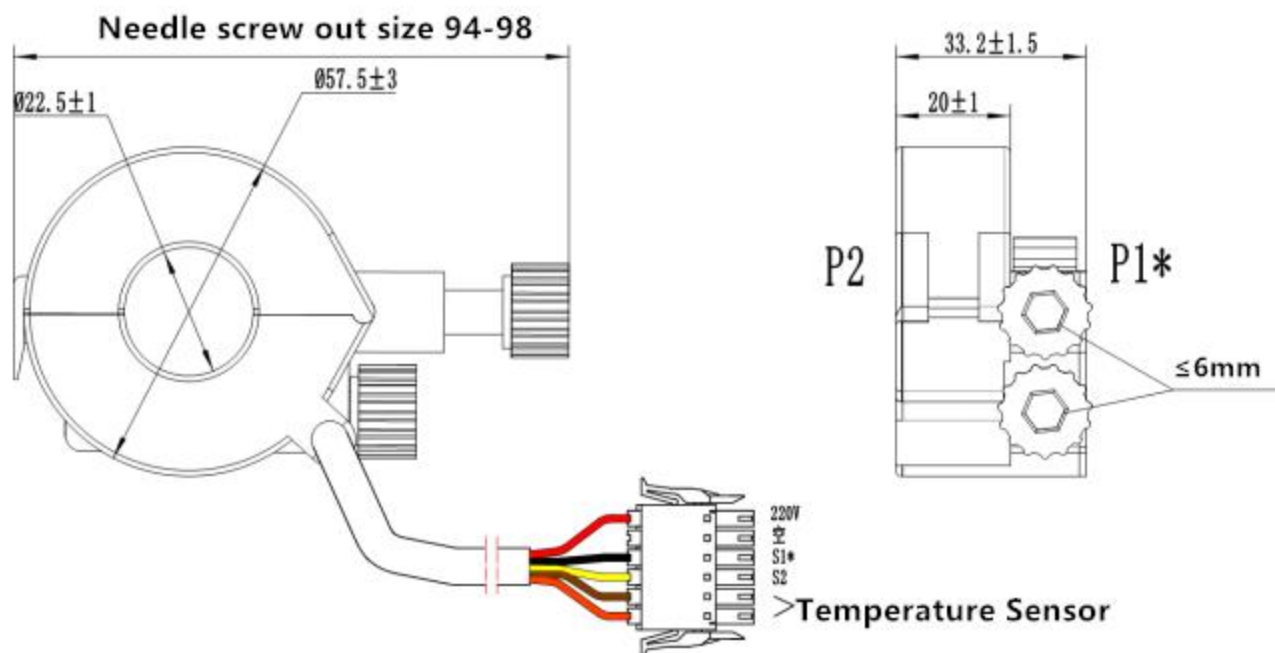


Online electric current transformer

ZMCTKC01 100A: 25mA

This product features: This product is installed online without power failure, all the hands are all insulated, easy to install, simple and fast

◆ Dimension:



◆ Electrical parameters:

Parameter/ Index	ZMCTKC01 (Measuring type)	unit
Rated input current	100	A
Rated output current	25	mA
Max input current	400	A
Max output current	100	mA
Rated point phase error	$\leq 40'$ (at 100A)	minute
phase error	$\leq 15'$ (rated 1%~max)	minute
Accuracy class	0.5	%
Intra-hole precision variation	≤ 0.2 (Accuracy difference of 10mm diameter input current line at different positions of the threading hole)	%
Linearity	0.3 (rated 1%~max)	%

Isolation voltage	4000 (Input to output) 4000 (CT Coil secondary to iron core)	V/min
Temperature Coefficient	25	ppm/°C
Operating temperature	-30~+75	°C
storage temperature	-40~+80	°C
Frequency range	0.02~2	KHz
Load Resistance	≦ 20 (at 400A)	Ω
Short-time thermal current	2000 Input wire diameter can withstand (1s)	A
Current measurement output line	Black & Yellow	0.12mm ²
Power take-off output line	Red	0.2mm ²
Temperature sensor output line	Brown & orange	0.12mm ²

◆ **Materials model :**

Material	Model	Parameter
Thermistor	MF52D103F3950F	25°C时 10K Ω
Terminals	15EDGKNG-3.5-06P-14-1000A(H)	
Lead wire	High temperature composite line26#/2P+24#	Length 500mm ± 20mm

◆ **Instructions for use:**

The split core current transformer is installed online. The input cable passes through the middle hole. After passing the transformer, the secondary output current signal is converted into the required voltage signal by the sampling resistor. Measuring type transformer, the transformer can be directly fixed on the cable with a diameter of 10mm ~ 21mm. This product is installed online without power interruption. All places operated by everyone are insulators, which is convenient, simple and fast to install.