

Power supply voltage: 220VAC 50/60Hz;(2) 100-240 vac/DC  
 Allowable voltage variation range: 90-110% of supply voltage  
 Power consumption: below 8VA  
 Input specification: Thermocouple :K, E, J



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## Product overview

### Product Description:

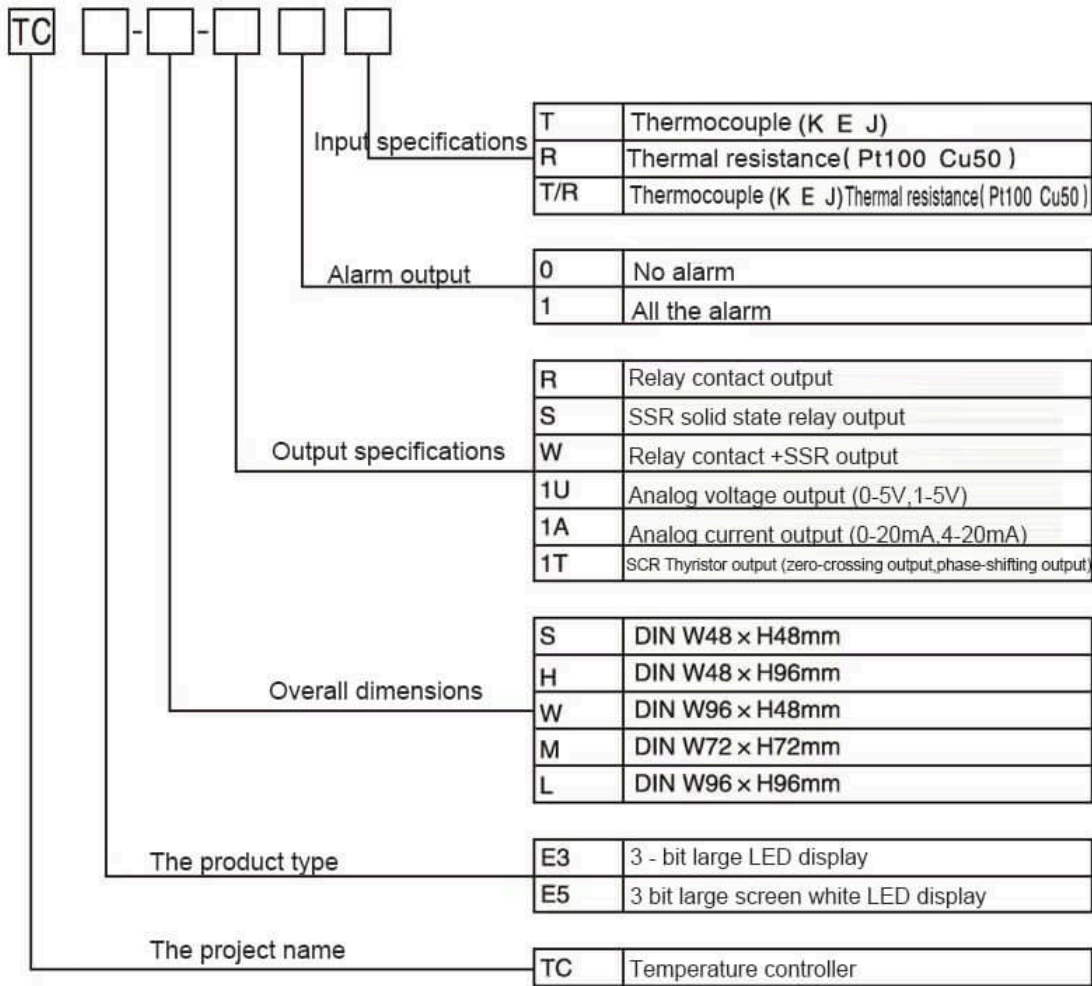
Power supply voltage: 220VAC 50/60Hz;(2) 100-240 vac/DC  
 Allowable voltage variation range: 90-110% of supply voltage  
 Power consumption: below 8VA  
 Input specification: Thermocouple :K, E, J  
 Thermal resistance :Pt100 Cu50

Display accuracy :±0.5%  
 Input specification: relay 250VAC 5A one on one off  
 SSR 12VDC±2V 20mA or less  
 Analog voltage output (0-5V, 1-5V)  
 Analog current output (0-20mA, 4-20mA)  
 SCR Silicon controlled output (zero crossing output, phase shifting output)

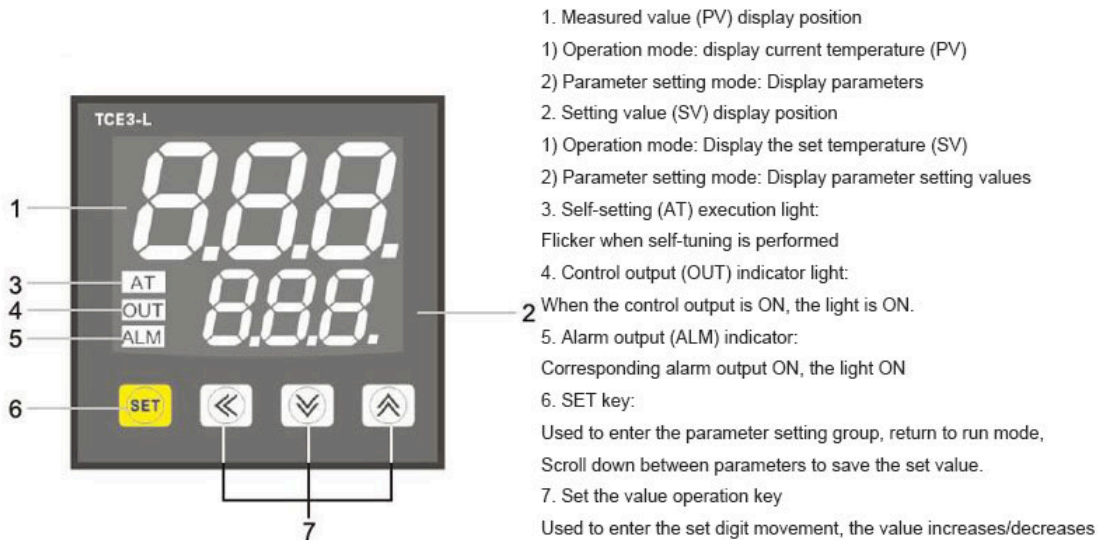
## Product parameters

Power supply voltage		①220VAC 50/60Hz ②100-240VAC/DC
Range of allowable voltage variation		90-110% of the supply voltage
Consumed power		Below 8VA
The input specifications	Thermocouple	K E J
	Thermal resistance	Pt100 Cu50
Display precision		±0.5%
The input specifications		The relay 250VAC 5A is on and off
		Below SSR 12VDC±2V 20mA
		Analog voltage output (0-5V, 1-5V)
		Analog current output (0-20mA, 4-20mA)
		SCR Silicon controlled output (zero crossing output, phase shifting output)
Alarm output		The relay 250VAC 5A is one NO
The control mode		Bit control, PID control
Sampling period		100ms
Relay life		Mechanical more than 2.5 million times electrical more than 100,000 times
Withstand voltage		2000VAC 50/60Hz 1 min (between terminals and housing)
Resistance to vibration		5~55Hz(cycle 1 minute) amplitude 0.75mm X,Y,Z all directions for 2 hours
Insulation impedance		More than 10 om Ω MEGA (500 VDC)
anti-interference		Simulated square wave generator interference (pulse width 1 m) ±2KV R phase S phase
Power failure memory		About 10 years (non-volatile semiconductor memory)
The surrounding environment	Operating ambient temperature	When stored at -5~40°C :-10~50°C
	Ambient humidity in use	35 ~85% storage :35 ~85%

## Model code



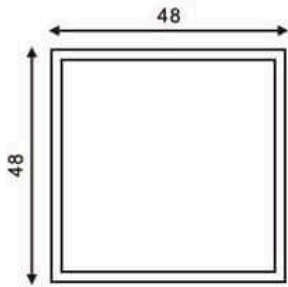
**Name of each part**



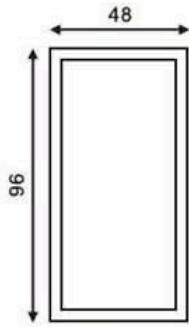
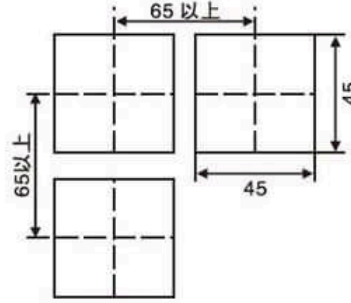
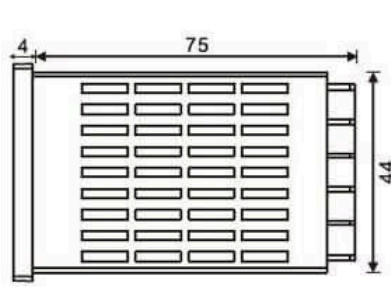
**Exterior dimension drawing**

■ Outline dimension drawing

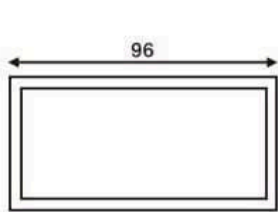
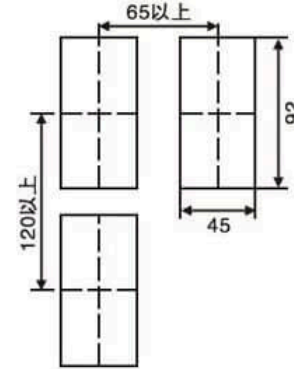
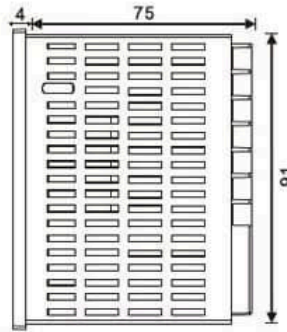
Unit:mm



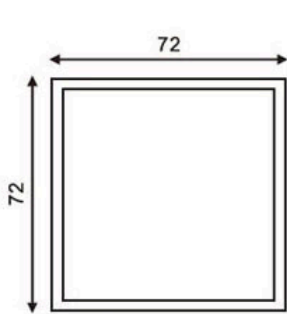
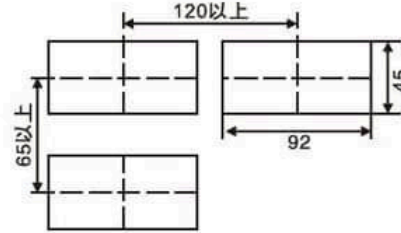
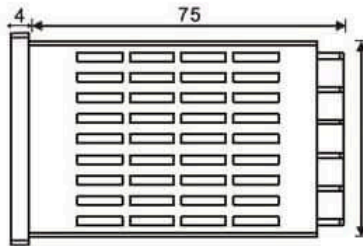
TC-S (48×48)



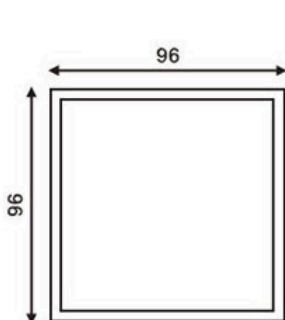
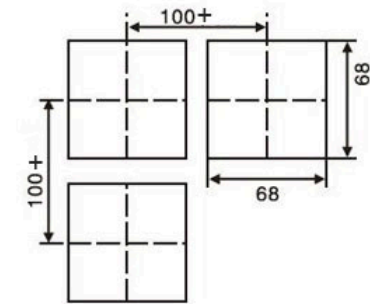
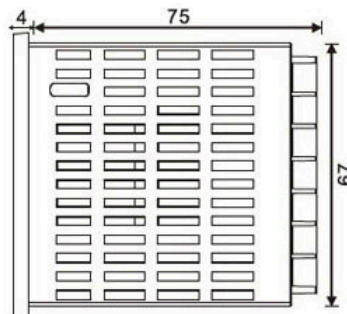
TC-H (48×96)



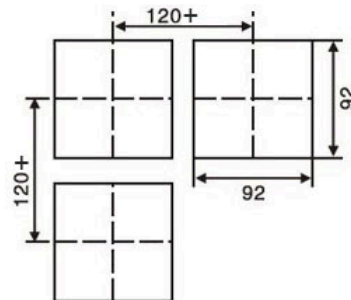
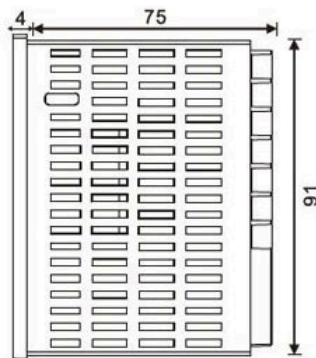
TC-W (96×48)



TC-M (72×72)



TC-L (96×96)



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DCD-2A Differential relay

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Time: December 5th - December 7th, 2024. Booth No.: 5P66, Hall N5 Add: Halls N1 - N5 and W5, Shanghai New...

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