



# Temp. Controllers & Heaters

## Analog Temperature Controllers

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



### DIN SIZE GENERAL TEMPERATURE CONTROLLERS

- 48x48, 48x96, 72x72 mm SIZE AVAILABLE.
- Fixed with extra metal arms or clamber after fixed. panel can not be withdrawn
- Analog set or pushwheel switches set, simple and reliable circuits design.
- RED digital led display or bias meter display or no display (please refer to model number)
- Range: 0-100,200,400,600,100°C
- Input type: thermocouple (J,K)/PT100/VDC/mA
- Output: relay or VDC
- Control mode: ON/OFF (for alarm or signal control) P (for keeping temperature use)

| Part No. | Product No.     | Manufacturer | Description                         | Load V / A (Output type) | Volt.    | Ctrl Temp. Range | Measure temperature type |
|----------|-----------------|--------------|-------------------------------------|--------------------------|----------|------------------|--------------------------|
| 7876     | TR-48-08-110VAC | CHROMALOCK   | Analog Temperature Controllers48*48 | Output :VDC              | AC110VAC | 0~400°C          | K-Type                   |
| 9943     | TR-48-08-220VAC | CHROMALOCK   | Anglog Temperature Controllers      |                          | 220VAC   | 0~400°C          | K-Type                   |
| 36584    | TR-48-08-220VAC | CHROMALOCK   | Anglog Temperature Controllers      |                          | 220VAC   | 0~200°C          | J-Type                   |
| 47503    | TR-48-08-240VAC | CHROMALOCK   | Analog Temperature Controllers48*48 | 250V/5A SSR              | 240VAC   | 0~200°C          | K-Type                   |

TS-030S



### Model TS-030S

Temp. Range : -30°C~30°C

Differential : 4±2°C

Probe length : 126L 5. 8Φ

Terminal : S. P. D. T S. P. S. T

Capillary : Length : 1, 000mm

Material : SUS CU

### Model TS-050S

Temp. Range : 0°C~50°C

Differential : 4±2°C

Probe length : 125L 5. 8Φ

Terminal : S. P. D. T S. P. S. T

Capillary : Length : 1, 000mm

Material : SUS CU

### Model TS-080S

Temp. Range : 0°C~80°C

Differential : 4±2°C

Probe length : 115L 5. 8Φ

Terminal : S. P. D. T S. P. S. T

Capillary : Length : 1, 000mm

Material : SUS CU

### Model TS-090S

Temp. Range : 0°C~90°C

Differential : 4±2°C

Probe length : 117L 5. 8Φ

Terminal : S. P. D. T S. P. S. T

Capillary : Length : 1, 000mm

Material : SUS CU

| Part No. | Product No. | Description                    | Volt.        | Ctrl Temp. Range |
|----------|-------------|--------------------------------|--------------|------------------|
| 33464    | TS-030S     | Analog Temperature Controllers | 110~250V/16A | 0~30°C/-0~-30°C  |
| 33466    | TS-050S     | Analog Temperature Controllers | 110~250V/16A | 0~50°C           |
| 33467    | TS-080S     | Analog Temperature Controllers | 110~250V/16A | 0~80°C           |
| 33468    | TS-090S     | Analog Temperature Controllers | 110~250V/16A | 0~90°C           |



- Small volume
- light weight
- Suitable for: ice machine, electric oven, attemperator, home appliances, etc
- Steady capability
- High temperature control
- Long life

| Part No. | Product No. | Description                    | Volt.        | Ctrl Temp. Range |
|----------|-------------|--------------------------------|--------------|------------------|
| 10295    | TS-120      | Anglog Temperature Controllers | 110~250V/16A | 0~120°C          |



- Connector capability: 16A/250V
- Connector: NO/NC

| Part No. | Product No. | Manufacturer | Description                    | Volt.        | Ctrl Temp. Range |
|----------|-------------|--------------|--------------------------------|--------------|------------------|
| 10294    | TS-320      | CHROMALOCK   | Analog Temperature Controllers | 110~250V/16A | 50°C~320?        |



### APPLICATION:

- Commercial freezers & Refrigerators
- Ice maker, water cooler, vending machine
- Electric & gas oven
- Farm/factory heating equipment

| Part No. | Product No. | Manufacturer | Description                    | Volt.        | Ctrl Temp. Range |
|----------|-------------|--------------|--------------------------------|--------------|------------------|
| 28706    | TS-80       | CHROMALOCK   | Analog Temperature Controllers | 110~250V/16A | 0~80?            |

## Type K, N, T, J, PT Thermocouple Sensor Industrial Mineral Insulated

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- SMD component: PT-100 Class type
- Ω:100Ω

| Part No. | Product No. | Description        | Sensor Input Type | Measure range °C |
|----------|-------------|--------------------|-------------------|------------------|
| 11689    | HS005-3     | Temperature Sensor | PT-100            | -200~2300        |

