



48 x 48

Note: Preliminary information, consult factory for availability

FEATURES

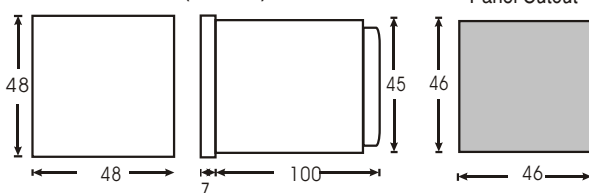
- Compact Size: 1/16 Din
- TC523- 3 digit; TC518- 4+4 digit
- PID Control with reduced overshoot
- Auto-tuning
- 85 to 270 VAC Supply Voltage (also available 24 VAC/DC models consult factory)
- °C / °F selectable
- Accepts sensor inputs (thermocouple or RTD)
- High Indication Accuracy: ±0.25%
- Sensor Error Compensation (offset) and Break Detection
- Setpoint lock
- Compliance: CE, RoHS

PRODUCT CODE

BEZEL SIZE (mm)	MODELS
48 x 48	TC523
48 x 48	TC518

1. For SSR output models : Add suffix '-SSR'. For eg : TC523-SSR
2. For 24VAC / DC supply models : Add suffix '-24V'

DIMENSIONS (in mm)



SPECIFICATIONS

DISPLAY: 7 segment LED
 TC523- 3 digit
 TC518- 4+4 digit

LED INDICATION (R)Relay ON and (T)Tune

SETTINGS Via keys on front panel

SENSOR INPUT

Thermocouple - TC523	TC518
J : -99 to 750°C	-200 to 750°C
K : -199 to 999°C	-200 to 1350°C
T : -199 to 400°C	-200 to 400°C
R : 0 to 999°C	0 to 1750°C
S : 0 to 999°C	0 to 1750°C

RTD input (2 wire or 3 wire)

PT100 : -100 to 850°C

TEMPERATURE UNIT °C / °F selectable

RELAY MODE Heating / Cooling

HYSTERESIS Programmable
TC523 - 1 to 99
TC518 - 0.1 to 99.9

RESOLUTION Programmable
TC523: Fixed 1°C
TC518 - TC: Fixed 1°C ;
 RTD: 0.1° / 1°C selectable

DISPLAY BIAS **TC523:** -99 to +99
TC518: -99.9 to +99.9

OUTPUT 1 C/O ; 10A relay

SENSOR BREAK Indicated on display

TC REVERSE Indicated on display

POWER 85 to 270 VAC , 50 or 60 Hz,
 (Optional : 24VAC /DC consult factory)

TEMPERATURE Operating: 0 to 50°C,
 Storage: -5 to 50°C.

HUMIDITY 95% RH.

TERMINAL CONNECTIONS

