

TK4N-T4CN Cut Sheet



Autonics standard temperature controller, 48 x 24mm, current, voltage, RTD or thermocouple input, current, pulse orrelay output, (1) 3A Form A (SPST) relay, 100–240 VAC, RS-485.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/TK4N-T4CN>

Technical Specifications

Brand	Autonics
Item	Standard temperature controller
Mounting	Panel
Mounting Hole Size	1/32 DIN
Size	48 x 24mm
Display	2-line red/green LED display
Cycle Time	50ms
Input	Current, voltage, RTD or thermocouple
Input Current Signal Range	0–20 mA and 4–20 mA
Input Voltage Signal Range	0–5 VDC, 1–5 VDC, 0–10 VDC and 0–100 mVDC
Input Thermocouple Signal Type	J, K, T, N, E, R, S, B, L, U, C, G, PL2
Input RTD Signal Types	Pt100, Pt50, JPt100, Cu100, Cu50 and Ni120

Output	Current, pulse orrelay
Output Current Signal Range	0–20 mA and 4–20 mA
Output Pulse Signal Range	11 VDC
Relay Configuration	(1) 3A Form A (SPST) relay
Number of Alarm Contacts	1
Alarm Type	(8) selectable
Operating Voltage	100–240 VAC
Control Mode	PID, ON/OFF or manual
Control Function	Single loop, heat or cool
Communication Port and Connection Type(s)	(1) RS-485 (2-pin terminal)
Port Protocol(s)	Modbus RTU Slave
Port Speed(s)	up to 38.4k baud

Agency Approvals

UL Listed File #	None
UL Recognized File #	E312024
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/TK4N-T4CN.pdf>
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