

TK4N-R4SN Cut Sheet



Autonics standard temperature controller, 48 x 24mm, current, voltage, RTD or thermocouple input, solid state relay drive, relay orretransmission output, (1) 3A Form A (SPST) relay, 100–240 VAC.

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



<https://www.automationdirect.com/pn/TK4N-R4SN>

Technical Specifications

Brand	Autonics	Input RTD Signal Types	Pt100, Pt50, JPt100, Cu100, Cu50 and Ni120
Item	Standard temperature controller	Output	Solid state relay drive, relay orretransmission
Mounting	Panel	Output Pulse Signal Range	11 VDC
Mounting Hole Size	1/32 DIN	Relay Configuration	(1) 3A Form A (SPST) relay
Size	48 x 24mm	Retransmission Output	4–20 mA
Display	2-line red/green LED display	Number of Alarm Contacts	1
Cycle Time	50ms	Alarm Type	(8) selectable
Input	Current, voltage, RTD or thermocouple	Operating Voltage	100–240 VAC
Input Current Signal Range	0–20 mA and 4–20 mA	Control Mode	PID, ON/OFF or manual; solid state relay drive ON/OFF, cycle or phase
Input Voltage Signal Range	0–5 VDC, 1–5 VDC, 0–10 VDC and 0–100 mVDC	Control Function	Single loop, heat or cool
Input Thermocouple Signal Type	J, K, T, N, E, R, S, B, L, U, C, G, PL2		

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-R4SN.pdf>
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