

TK4N-D4SN Cut Sheet



Autonics standard temperature controller, 48 x 24mm, current, voltage, RTD, thermocouple or discrete input, solid state relay drive orrelay 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-D4SN>

Technical Specifications

Brand	Autonics	Input RTD Signal Types	Pt100, Pt50, JPt100, Cu100, Cu50 and Ni120
Item	Standard temperature controller	Output	Solid state relay drive orrelay
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	Number of Alarm Contacts	1
Display	2-line red/green LED display	Alarm Type	(8) selectable
Cycle Time	50ms	Operating Voltage	100–240 VAC
Input	Current, voltage, RTD, thermocouple or discrete	Control Mode	PID, ON/OFF or manual; solid state relay drive ON/OFF, cycle or phase
Input Current Signal Range	0–20 mA and 4–20 mA	Control Function	Single loop, heat or cool
Input Voltage Signal Range	0–5 VDC, 1–5 VDC, 0–10 VDC and 0–100 mVDC		
Discrete Input Type	(2) dry contact or NPN		
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-D4SN.pdf>
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