

TK4S-24CR Cut Sheet



Autonics standard temperature controller, 48 x 48mm, current, voltage, RTD, thermocouple, discrete or current transformer input, current, pulse or relay output, (3) 3A Form A (SPST) relays, 100–240 VAC.

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



<https://www.automationdirect.com/pn/TK4S-24CR>

Technical Specifications

Brand	Autonics	Input Thermocouple Signal Type	J, K, T, N, E, R, S, B, L, U, C, G, PL2
Item	Standard temperature controller	Input RTD Signal Types	Pt100, Pt50, JPt100, Cu100, Cu50 and Ni120
Mounting	Panel	Output	Current, pulse or relay
Mounting Hole Size	1/16 DIN	Output Current Signal Range	0–20 mA and 4–20 mA
Size	48 x 48mm	Output Pulse Signal Range	11 VDC
Display	2-line red/green LED display	Relay Configuration	(3) 3A Form A (SPST) relays
Cycle Time	50ms	Number of Alarm Contacts	2
Input	Current, voltage, RTD, thermocouple, discrete or current transformer	Alarm Type	(9) selectable
Input Current Signal Range	0–20 mA and 4–20 mA	Operating Voltage	100–240 VAC
Input Voltage Signal Range	0–5 VDC, 1–5 VDC, 0–10 VDC and 0–100 mVDC	Control Mode	PID, ON/OFF, PID and ON/OFF or manual
Discrete Input Type	(1) dry contact or NPN	Control Function	Single loop, heat only, cool only, heat/cool

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/TK4S-24CR.pdf>
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