

# TK4W-24CC Cut Sheet



Autonics standard temperature controller, 96 x 48mm, current, voltage, RTD, thermocouple, discrete or current transformer input, current, pulse or relay output, (2) 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/TK4W-24CC>

## Technical Specifications

|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| Brand                      | Autonics                                                             |
| Item                       | Standard temperature controller                                      |
| Mounting                   | Panel                                                                |
| Mounting Hole Size         | 1/8 DIN                                                              |
| Size                       | 96 x 48mm                                                            |
| Display                    | 2-line red/green LED display                                         |
| Cycle Time                 | 50ms                                                                 |
| Input                      | Current, voltage, RTD, thermocouple, discrete or current transformer |
| 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                            |
| 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      |
| Input RTD Signal Types         | Pt100, Pt50, JPt100, Cu100, Cu50 and Ni120   |
| Output                         | Current, pulse or relay                      |
| Output Current Signal Range    | 0–20 mA and 4–20 mA                          |
| Output Pulse Signal Range      | 11 VDC                                       |
| Relay Configuration            | (2) 3A Form A (SPST) relays                  |
| Number of Alarm Contacts       | 2                                            |
| Alarm Type                     | (9) selectable                               |
| Operating Voltage              | 100–240 VAC                                  |
| Control Mode                   | PID, ON/OFF, PID and ON/OFF or manual        |
| 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                   | <a href="#">View CE declarations</a>   |
| CSA File #           | None                                   |
| RoHS Status          | Yes (See CE Doc)                       |
| EU REACH             | <a href="#">View EU REACH document</a> |

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/TK4W-24CC.pdf>  
See store item page for other formats.