Temperature Controllers

Model **TEC-9400** 1/16 DIN

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Model TEC-9400 1/16 DIN Temperature Controller

Design Features

* 1/16 DIN size – 48 mm × 48 mm
* Fuzzy Logic PID Autotune heat and cool control
* Universal input, field configurable (Type J T/C default, PT100, mA, V) with high accuracy 18-bit D-A
* Countdown display
* RS - 485 and Analog Retransmission Available
* Micro USB Programming Port
* Fast sampling rate (200 msec)

* Manual control & auto-tune function
* Wide range of alarm mode selection
* Lockout protection
* Bumpless transfer during failure mode
* Soft-start ramp & dwell timer
* Bright LCD display using NFPA/IEC standard colors
* High performance with low cost

Agency Approvals:

c(UL)us LISTED   CE   *RoHS, REACH, WEEE*

File #: E244198

Hardware Code: TEC-9400 - | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

A Part Number based on the hardware code and any software pre-programming will be issued at time of order.

Power Input *BOX 1*
4 = 90-250 VAC
5 = 11-40 VDC / 20-28 VAC

Output 1 *BOX 2*
1 = Relay: 2A / 240 VAC
2 = Pulse DC for SSR drive: 5 VDC (30 mA max)
3 = Isolated, 4-20 mA (default), 0-20 mA
5 = Isolated VDC, 0-10 scalable
C = Pulse DC for SSR drive: 14 VDC (40 mA max)

Output 2 / Alarm 1 *BOX 3*
0 = None
1 = Relay: 2A / 240 VAC
2 = Pulse DC for SSR drive: 5 VDC (30 mA max)
3 = Isolated, 4-20 mA (default), 0-20 mA
5 = Isolated, VDC, 0-10 scalable
C = Pulse DC for SSR drive: 14 VDC (40 mA max)

Alarm 2 *BOX 4*
0 = None
1 = Relay: 2A / 240 VAC

Option 1 *BOX 5*
0 = None
1 = RS-485 Interface

Option 2 *BOX 6*
0 = None
1 = 2 Event Inputs
2 = 1 Event Input and 1 CT Input
3 = 2 CT Inputs

Option 3 *BOX 7*
0 = None
1 = Retransmit: 4-20 mA / 0-20 mA
2 = Retransmit: 0-10 VDC
3 = Relay: 2A / 240 VAC

Option 4 *BOX 8*
0 = None
1 = Terminal Cover

⚠️ *Note:* **Detailed information on features common to digital microprocessor-based TEC temperature controls and the complete Table of Input Range and Accuracy can be found on page 13-46.**

Transformer for Heater Break Alarm
(0-50 Amp current)
Part Number: TEC99998
Specifications on page 13-47

View Product Inventory @ www.tempco.com