Model TEC-4300 1/4 DIN Temperature Controllers

Configurable for 5 Programmable Outputs!

Agency Approvals

Power Input: BOX 1
4 = 90-264 VAC
5 = 11-26 VAC / VDC
9 = Other

Hardware Code: TEC-4300-

Signal Input — Universal, can be programmed in the field: BOX 2
1 = Input 1 - Universal input (factory default = tc type J)
   Thermocouple: J, K, T, E, B, R, S, N, L
   RTD: PT100 DIN, PT100 JIS
   Current: 4-20 mA, 0-20 mA
   Voltage: VDC, 0-1, 0-5, 1-5, 0-10
   Input 2 - CT: 0 - 50A AC current transformer (factory default)
   Linear Input: 0-1V, 0-5V, 1-5V, 0-10V, 0-20mA, 4-20mA
   Input 3 - Event Input
   9 = Other

Output 1: BOX 3
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
4 = Isolated VDC, 1-5 (default), 0-5, 0-1
5 = Isolated VDC, 0-10
6 = Triac-SSR output 1A / 240 VAC
C = Pulse DC for SSR drive: 14 VDC (40 mA max)
9 = Other

Output 2: BOX 4
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
4 = Isolated VDC, 1-5 (default), 0-5, 0-1
5 = Isolated VDC, 0-10
6 = Triac-SSR output 1A / 240 VAC
7 = Isolated 20V @ 25 mA DC, Output Power Supply
8 = Isolated 12V @ 40 mA DC, Output Power Supply
9 = Isolated 5V @ 80 mA DC, Output Power Supply
C = Pulse DC for SSR drive: 14 VDC (40 mA max)
A = Other

Communications: BOX 7
0 = None
1 = RS-485 Interface
2 = RS-232 Interface
3 = Retransmission 4-20 mA (default), 0-20 mA
4 = Retransmission 1-5 VDC (default), 0-5 VDC
5 = Retransmission 0-10 VDC
9 = Other

Alarm 1: BOX 5
0 = None
1 = Relay: 2A/240 VAC, SPDT
9 = Other

Alarm 2: BOX 6
0 = None
1 = Relay: 2A/240 VAC, SPST
9 = Other

Transformer for Heater Break Alarm
(0-50 Amp current)
Part Number: TEC99999
Specifications on page 13-47

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.

View Product Inventory @ www.tempco.com