Model TEC-6400 DIN Rail Mount Temperature Controller

Design Features

✴ DIN Rail Mount, 35 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:

RoHS, REACH, WEEE

Hardware Code: TEC-6400 - □ □ □ □ □

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

Standard lead time is stock to 2 weeks.

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 VD (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 (40mA max)

Output 2 / Alarm 1 BOX 3
0 = None
1 = 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 (40mA max)

Option 1 BOX 4
0 = None
1 = RS-485 Interface
2 = 1 Event Input EI 1
3 = 1 CT Input (CT 1)

Option 2 BOX 5
0 = None
1 = Retransmit: 4-20mA / 0-20mA
2 = Retransmit: 0-10 VDC
3 = Alarm 2 Relay: 2A / 240 VAC
4 = 1 Event Input EI 2
5 = 1 CT Input (CT 2)

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

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