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Model **TEC-805** 1/8 DIN

Model TEC-805 1/8 DIN Temperature Controller

Simple Setpoint and Display!

Agency Approvals:

c ℜ US   CE

File #: E244198

Design Features

✳ *1/8 DIN size – 48 mm × 96 mm*
✳ *Short panel depth – only 2-9/16" (65 mm) required*
✳ *Laser trimmed ASIC components*
✳ *On-off or time proportional selection*
✳ *Digital input by pushwheel switch*
✳ *Digital display on 0.4" (10 mm)*
✳ *Wide selection of output options*
✳ *Universal power input, 90-264 VAC*
✳ *Sensor break protection*
✳ *Good performance at a very low price*

Hardware Code: TEC-805-

1	2	3	4	5	6	7	8
					0		0

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 = 90-264 VAC 50/60 Hz

Signal Input BOX 2
1 = Thermocouple: Type J
2 = Thermocouple: Type K
3 = RTD: 100 ohm PT, DIN 0.00385
4 = RTD: 100 ohm PT, JIS 0.00392
9 = Other

Range code BOX 3
X = 0 to 499°F   **C** = 0 to 299°C
V = 0 to 999°F   **E** = 0 to 499°C
W = 0 to 1999°F   **H** = 0 to 999°C
Other ranges are available for large volume orders. Consult Tempco for more information.

Control Mode BOX 4
1 = On - Off (used for valves & solenoids)
2 = Proportional (common for electric heaters)

Output 1 BOX 5
1 = Relay: 5A / 240 VAC
2 = Pulse DC for SSR drive: 20 VDC (20 mA max)
3 = 4-20 mA, linear (max load 500 ohms)
4 = 0-20 mA, linear (max load 500 ohms)
5 = 0-10 VDC, linear (min. impedance 500K ohms)
9 = Other

Output 2 BOX 6
0 = Not Available

Alarm BOX 7
0 = None
1 = Relay: 2A / 240 VAC
Deviation alarm

Communication BOX 8
0 = Not Available