ETR-9100 Series Auto-Tune PID Temperature Controller

Ordering Information

Model	Dual Display Microprocessor Based Temperature Controller with Smarter Logic®
ETR-9100	1/16 DIN Temperature Controller
ETR-8100	1/8 DIN Temperature Controller
ETR-4100	1/4 DIN Temperature Controller

Code	Power Input
4	90 - 250 VAC, 50/60 HZ
5	11 - 26 VAC or VDC
9	Special Order

Code	Signal Input		
1	Standard Input Thermocouple: J, K, T, E, B, R, S, N, L RTD: PT100 DIN, PT100 JIS	**5**	1 - 5 V
		6	4 - 20 mA
2	0 - 60 mV	**7**	0 - 20 mA
3	0 -1 V	**8**	0 - 10 V
4	0 - 5 V	**9**	Special Order

Code	Output 1		
0	None	**5**	Isolated 0 - 10 V*
1	Relay rated 2 A/240 VAC	**6**	Triac output 1 A / 240 VAC, SSR
2	Pulsed voltage to drive SSR, 5 V/30 mA	**C**	Pulsed voltage to drive SSR, 14 V/40 mA
3	Isolated 4 - 20 mA / 0 - 20 mA*	**9**	Special order
4	Isolated 1 - 5 V / 0 - 5 V*		

Code	Output 2		
0	None	**6**	Triac output, 1 A / 240 VAC, SSR
1	Form A relay 2 A/240 VAC	**7**	Isolated 20 V/25 mA transducer power supply
2	Pulsed voltage to drive SSR, 5 V / 30 mA	**8**	Isolated 12 V/40 mA transducer power supply
3	Isolated 4 - 20 mA / 0 - 20 mA	**9**	Isolated 5 V/80 mA transducer power supply
4	Isolated 1 - 5 V / 0 - 5 V	**C**	Pulsed voltage to drive SSR, 14 V/40 mA
5	Isolated 0 - 10 V	**A**	Special order

Code	Alarm 1
0	None
1	Form C Relay 2A/240 Vac
9	Special Order

Code	Communications		
0	None	**4**	Retransmit 1-5 V / 0-5 V
1	RS-485 interface	**5**	Retransmit 0-10 V
2	RS-232 interface**	**9**	Special order
3	Retransmit 4-20 mA / 0-20 mA		

Code	Options
0	Panel mount
1	Panel mount NEMA 4X / IP65
2	DIN Rail mount (ETR-9100 only)

ETR-9100 -	**4**	**1**	**1**	**0**	**0**	**0**	**0**	**Typical Model Number**

Accessories
CC94-1 = RS-232 Interface Cable (2M)
CC91-1 = Programming Port Cable
RK91-1 = Rail Mount kit for ETR-9100

*Range set by front keyboard
**Option includes CC-94-1 communication cable

Related Products
SNA10A = Smart Network Adaptor for third party software, which converts 255 channels of RS-485 or RS-422 to RS-232 Network.

SNA10B = Smart Network Adaptor for ETR-Net software, which converts 255 channels of RS-485 or RS-422 to RS-232 network.

SNA12A = Smart Network Adaptor for programming port to RS-232 interface.