

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
2	0 - 60 mV	6	4 - 20 mA
3	0 - 1 V	7	0 - 20 mA
4	0 - 5 V	8	0 - 10 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.

PK335-OMC
PDS ETR-9100
OCTOBER 06