TEMPERATURE CONTROLLER

Z-TRAUQ INC.
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ESM-1510
DIN Rail Mount

FEATURES

- •Heating / Cooling Applications - Economical
- •Easy to Use
- •DIN RAIL Mounting
- •3 Digits display
- •PTC, NTC, PT-100, Pt-1000 termoresistances input types
- •Fe-Const (J), NiCr-Ni (K) thermocouples input types
- •ON / OFF Temperature Control
- •Selectable Heating or Cooling Function
- •Adjustable Temperature Offset Value & Set Value Boundaries
- •Relay or SSR Driver Output
- •Operation selection of compressor operates continuously, stops or operates periodically in case of probe defect
- •Compressor Protection Times
- •Password Protection for Programming Section

ORDERING INFORMATION

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Supply Voltage	
24Vac 50/60Hz	3
1105ac 50/60Hz	4
230Vac 50/60Hz	5
Custom (please specify)	9

	Input	Scale
05	J	0 to 800ºC
10	K	0 to 999ºC
09	PT100	-19.9 to 99.9ºC
11	PT100	-50 to 400ºC
15	PTC	-19.9 to 99.9ºC
12	PTC	-50 to 150ºC
13	PT1000	-19.9 to 99.9ºC
14	PT1000	-50 to 400ºC

	Output
1	SPDT Relay (5A@25vac res.)
2	SSR (Max.20mA@12vdc)

Please insert supply voltage, input & output codes to complete model number.

SPECIFICATIONS:

Input types:
NTC: NTC (10kOhm @ 25°C)
PTC : PTC (1kOhmW@25°C)
Thermocouple (TC) : J, K (IEC 584.1) (ITS90)
Thermoresistance (RTD) : 2-wire PT 100, PT 1000 (IEC 751)(ITS90)

Accuracy: ±1% of scale

Cold Junction Compensation: Automatic ±0.1°C/1°C

Sensor Break Protection: Over scale
Sampling Cycle : 3 samples per second

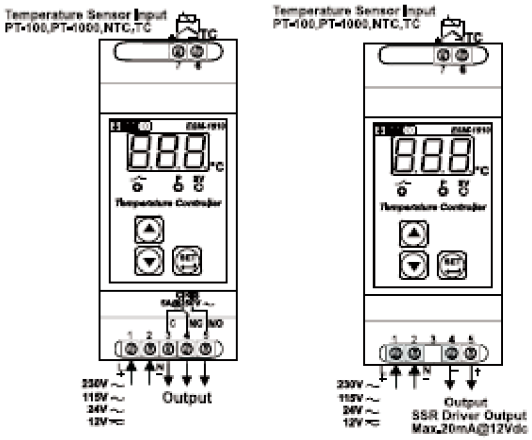
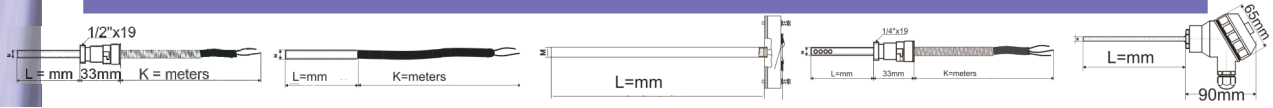
Control Form: ON/OFF

Hysteresis: Adjustable

Control Output types:
Relay (5A@250Vac at resistive load)
or
SSR Driver (Maximum 20mA@12Vdc)

Dimensions: 86H x 35W x 59D mm

ELECTRICAL CONNECTIONS



WE also offer a complete range of THERMOCOUPLES & RTDs