



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 thermoresistances 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

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

ORDERING INFORMATION

ESM-1510 /00.00

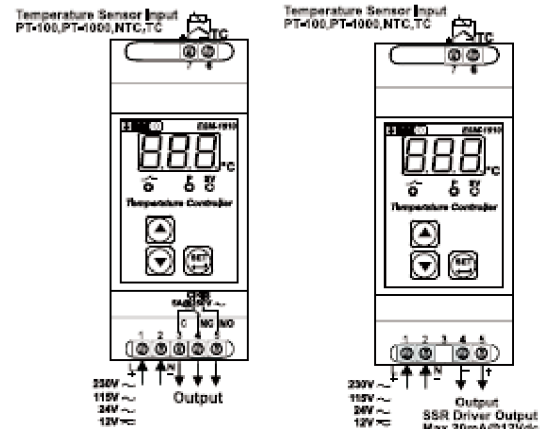
Supply Voltage	
24Vac 50/60Hz	3
110Vac 50/60Hz	4
230Vac 50/60Hz	5
Custom (please specify)	9

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

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

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

ELECTRICAL CONNECTIONS



WE also offer a complete range of THERMOCOUPLES & RTDs

