AHT K - 1P4U

VE255600



Analogue panel-mounted temperature controller (48x48) for temperature control in heating mode only. The device can be connected to type K thermocouples.

General features

- Knob for setpoint adjustment
- Red LED to indicate output status
- 6.3 mm Faston terminal block
- ON/OFF type of adjustment (with microprocessor)
- LED for output trip signalling

Technical specifications

Power supply	
Power supply	24 ÷ 240 Vac (-10% ÷ +10%)
Frequency	50 / 60 Hz
Absorption	~3 VA
Parameter settings	
Type of adjustment	ON-OFF
Differential/Hysteresis	10 °C (fixed differential)
Switching delay	3 seconds
Measure	
Temperature measuring range	0 ÷ 1200 °C
Temperature measurement accuracy	± 5% of full scale °C
Operating conditions	
Operating temperature range	0 ÷ 50 °C
Relative humidity	30% ÷ 95% non-condensing RH
Inputs	
Number of connectable probes	1
Type of connectable probes	K(Cr-Al)
Outputs	
Relay number	1

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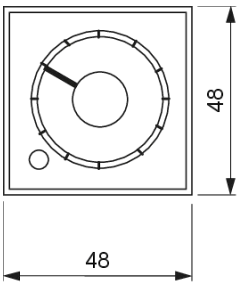
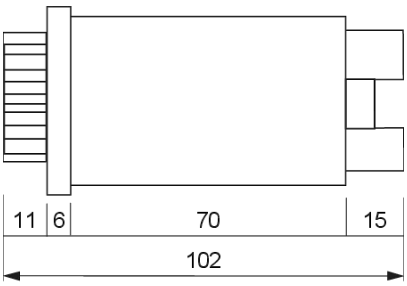
Outputs	
Relay type	Heat exchange
Relay capacity at 250 Vac	8 A
Terminations	
Termination type	Faston terminals
Maximum cable cross-section	6.3 mm²
Mechanical features	
Protection degree	IP54
Overall dimensions	
Height (A)	48 mm
Width (B)	48 mm
Depth (C)	102 mm
Dimensions	
Product weight	200 g

Dimensions

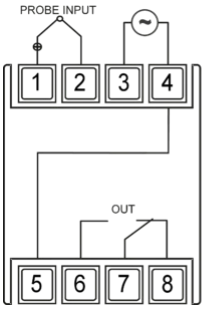
Front View



Side View



Wiring diagram



K (Cr-Al) J (Fe-Co)

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Accessories compatible with the product

Cr-Al (K)

VJ44410000

2-wire type K thermocouple for temperature detection, length 3 m

Cr-Al 1200 (K)

VJ44900000

2-wire type K thermocouple for temperature detection, length 3 m

Reference standards

Compliance with Community Directives:

• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN IEC 61326-1 • EN 61010-1 • EN IEC 63000

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