HVAC - TEMPERATURE - KLT22Z

FTPTST-0x3I_121024

DUAL STAGE THERMOSTAT



KLT22Z

RoHS cULus CE

DUAL STAGE
Two output relays
CONTROL

IP64
Front protection
PROTECTION

115 / 230 VAC
24 VAC/dc, 12 VAC/dc
POWER SUPPLY

CORE FEATURES

- Dual stage thermostat
- ON/OFF or Neutral Zone control
- Heat or cool control for each relay
- Internal alarm buzzer
- Works with 1 or 2 probes
- Code-protected parameter access

Display: 3 digits and sign
Display Colour: Red / Green / Blue, depending on model

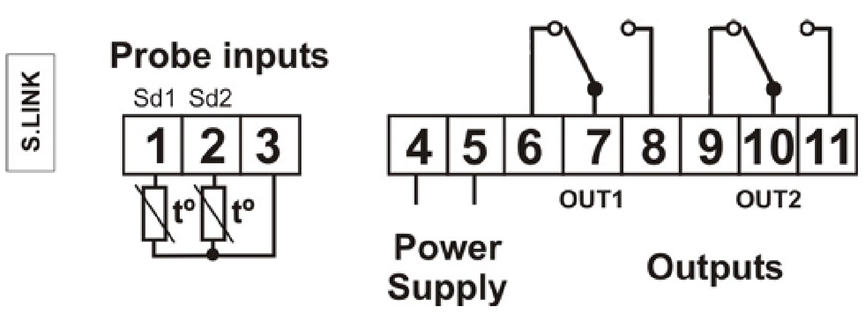
INPUTS & OUTPUTS

- Probe Inputs: 1 or 2 probes, PTC1000 (25°C - 1000 Ohm) / NTC
- Outputs: 2 relays
- OUT1: SPDT relay, 16 A resistive load, 1 HP 240 Vac, 10 FLA, 60 LRA 250 Vac
- OUT2: SPDT relay, 8 A resistive load, 250 Vac 8(3)A

MEASUREMENT RANGE

- PTC: -50°C to 150°C (-58 to 302°F)
- NTC: -50°C to 110°C (-58 to 230°F)

WIRING CONNECTIONS



TECHNICAL SPECIFICATIONS

KLT22Z-PR230C
PTC Probes, Red Display, 230 Vac, Cº

KLT22Z-PR110C
PTC Probes, Red Display, 115 Vac, Cº

KLT22Z-PR12C
PTC Probes, Red Display, 12 Vac/dc, Cº

Dimensions	77 × 36 × 62 mm (3.03 × 1.42 × 2.44 in)
IP Protection	Front IP64
Operating Temp.	0°C to 70°C (32 to 158°F)
Storage Temp.	-20°C to 80°C (-4 to 176°F)
Accuracy	Better than 1% of full scale
Resolution	1° (3 digits)
Probe Input	PTC1000 (25°C - 1000 Ohm) / NTC, 1 or 2 probes depending on parameter P5

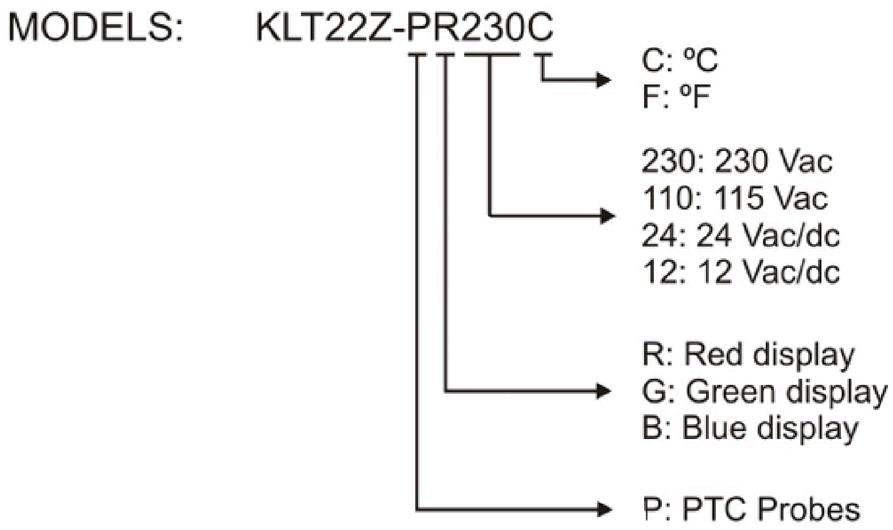
POWER CONSUMPTION

- 4 VA (230V / 115V), 1.5 VA (24V / 12V)

COMMUNICATIONS

- RS485 communication
- KLKEY input for fast parameter programming

HOW TO ORDER



Options: Ask to factory
Communication by external mini-module KLRS485A

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