FTPT05-002I_121001

TEMPERATURE INDICATOR

KLTH43



TEMP. + HUMIDITY
Dual control
CONTROL

IP65
Front protection
PROTECTION

115 / 230 VAC
Depending on model
POWER SUPPLY

CORE FEATURES

- Digital temperature and humidity controller
- Temperature control: ON-OFF, Neutral Zone or Refrigeration
- Humidity control: ON-OFF or Neutral Zone
- Second temperature probe for defrost control
- Easy access to parameters by code

Dual display: Red for temperature, green for humidity

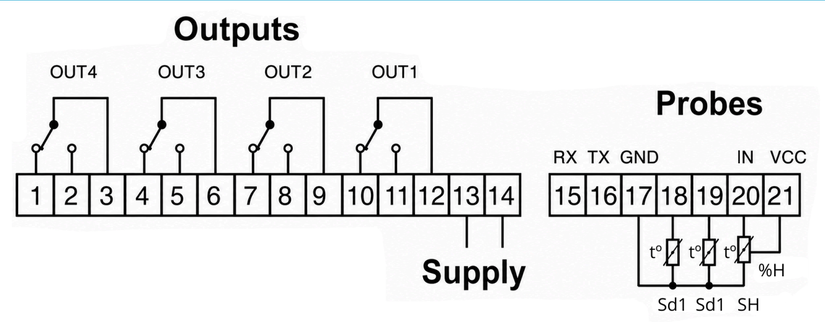
INPUTS & OUTPUTS

- Temp. Probe 1: PTC1000 (25°C - 1000 Ohm)
- Temp. Probe 2: Optional, for defrost control
- Humidity Probe: 0-1 V, 0-3 V (THC-P), 4-20 mA
- Power Supply: 115 VAC ±10%, 230 VAC ±10%
- Relay Outputs: 4 SPDT relays, 240 Vac, 8 A resistive load

MEASUREMENT RANGE

- Temperature Range: -50°C to 150°C (-58 to 302°F)
- Humidity Range: 0 to 100% RH
- Temperature Accuracy: Better than 0.5% full scale
- Humidity Accuracy: Better than 5% full scale
- Temperature Resolution: 0.1° (3 digits)
- Humidity Resolution: 1% (3 digits)

WIRING CONNECTIONS



TECHNICAL SPECIFICATIONS

KLTH43-YZ
Y = Power Supply: 110 = 115 VAC, 230 = 230 VAC
Z = Temperature Units: F = °F, C = °C

Dimensions	134 × 105 × 61 mm (5.3 × 4.1 × 2.4 inch)
Mounting	Panel Mounting Cutout: 131 × 101 mm (5.15 × 3.97 inch)
IP Protection	IP65
Operating Temp.	0°C to 70°C (32°F to 158°F)
Storage Temp.	-20°C to 80°C (-4°F to 176°F)
Accuracy	Better than 0.5% full scale
Resolution	0.1° (3 digits)

POWER CONSUMPTION

- 7 VA (230V)

COMMUNICATIONS

- Serial Connection: RX / TX / GND
- Communication Address: configurable by parameter

HOW TO ORDER

MODELS: KLTH43-230C

- C: ºC, F: ºF
- 230: 230 Vac, 115: 115 Vac

Options: Ask to factory

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