FTPT05-001I_121001

TEMPERATURE INDICATOR

KLH11



HUMIDIFY / DEHUMIDIFY
(Depending on setting)
CONTROL MODE

0-1 V / 0-3 V / 4-20 mA
Selectable by parameter
PROBE COMPATIBILITY

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

CORE FEATURES

- Digital humidity controller
- Selectable probe input: 0-1 V, 0-3 V or 4-20 mA
- SPDT relay output
- Error indication and password protection

3-digit high-brightness display
Red, green or blue display depending on model

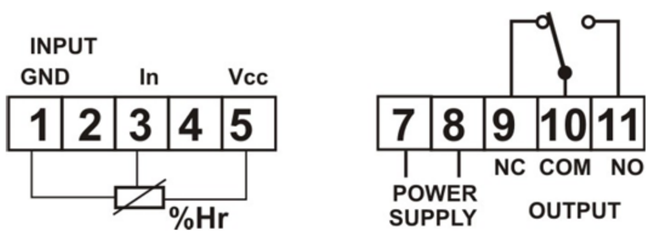
INPUTS & OUTPUTS

- Probe input: 0-1 V, 0-3 V (KLH03), 4-20 mA
- Power supply input: 1115 Vac ±10%, 230 Vac ±10%, 24 Vac/dc ±10%, 12 Vac/dc ±10%
- Output: SPDT relay
- Relay Rating: Resistive load 16 A
- Motor Rating: 1 HP 240 Vac, 10 FLA, 60 LRA 240 Vac

MEASUREMENT RANGE

- Relative Humidity Range: 10% to 90% RH for 0-3 V probe
- Relative Humidity Range: 0% to 100% RH for 0-1 V and 4-20 mA probes
- Accuracy: ±1% RH
- Resolution: 1% (3 digits)

WIRING CONNECTIONS



TECHNICAL SPECIFICATIONS

KLH11XY
Red, green or blue display
115 Vac, 230 Vac, 12 Vac/dc or 24 Vac/dc

Dimensions	76 × 34 × 60 mm (3 × 1.34 × 2.36 inch)
IP Protection	IP64
Operating Temp.	0ºC to 70ºC (32ºF to 158ºF)
Storage Temp.	-20°C to 80°C (- 4ºF to 176ºF)
Accuracy	±1% RH
Resolution	1% (3 digits)
Probe Input	0-1 V, 0-3 V (KLH03), 4-20 mA

POWER CONSUMPTION

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

HOW TO ORDER

MODELS: KLH11-G230

230: 230 Vac
110: 115 Vac
24: 24 Vac/dc
12: 12 Vac/dc

R: Red display
G: Green display
B: Blue display

Options: Ask to factory

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