HUMIDITY / 4-20mA CONTROLLER · KTS11H

HUMIDITY / 4-20 MA CONTROLLER

KTS11H



DIRECT / REVERSE
1 relay · 1 analog probe
CONTROL

IP67
Front protection · IP20 rear
PROTECTION

NFC
Program from the KTS APP
CONNECTIVITY

CORE FEATURES

- Capacitive touch keyboard, sealed and easy to clean.
- Large-number display, readable from any angle.
- Plug-in terminals make install and replacement faster.
- Direct or reverse control (parameter d0).

INPUTS & OUTPUTS

- Probe input: 0-1 V, 4-20 mA or KLSH03 (0-3 V).
- REL1. 16 A (RL), 30 FLA, 60 RLA, 240 V, 1 HP.
- Scaling: Lc at 0 V / 4 mA, Hc at 1 V / 20 mA.
- High and low signal alarms. Internal buzzer

MEASUREMENT RANGE

- KLSH03 (0-3 V): 10 % to 90 % RH (±1 % F.S.)
- 0-1 V / 4-20 mA: 0 % to 100 % of range (±1 % F.S.)
- Setpoint -999 to 999. Differential (r0) 1 to 30.

WIRING CONNECTIONS



STANDARDS & COMPLIANCE

Operation control device. Not for safety functions

TECHNICAL SPECIFICATIONS

KTS11H 0-1 V / 4-20 mA / 0-3 V

Housing	Self-extinguishing polycarbonate
Temperature	Operating −20 °C to 60 °C Storage −30 °C to 85 °C (≤90% RH, non-cond.)
Accuracy/ Resolution	±1 % F.S. at 25 °C Decimal point selectable (p4)
Dimensions	Front 80 × 35.5 mm · cut-out 71 × 29 mm Depth 76 mm Height 70.3 mm Panel thickness 0.8–2.5 mm
Terminals	Screw, wire ≤ 2.5 mm². Fixed 20 A / plug-in 15 A
Power absorption	3.5 VA max.
Electrical safety	Software class A · pollution degree 2 2500 V impulse · overvoltage cat. II Type of action 1.C. Operating control (not safety).
Power supply	Universal 85–265 Vac (47–63 Hz) or fixed voltage — see ordering code

HOW TO ORDER

KTS11HW230P

- 1: 1 relay
- 1: 1 probe
- H: humidity / 4-20 mA (pending)
- W: white
  R: red
  Y: yellow
  B: blue
- 230: 230 Vac
  115: 115 Vac
  024: 24 Vac/Vdc
  012: 12 Vac/Vdc
  924: 90-240 Vac
- (blank): fixed
  P: plug-in

Polígono Empresarium · C/ Lentisco, 15 · 50720 La Cartuja Baja · Zaragoza (Spain)
+34 976 429 099 · keld@keld.es