KELD HEATING CONTROLLER · KTS11B

HEATING CONTROLLER

KTS11B



HEATING
1 relay (SPDT) · thermocouple
CONFIGURATION

IP67
Front protection · IP20 rear
PROTECTION

NFC
Program from the KTS APP
CONNECTIVITY

CORE FEATURES

- Capacitive touch keyboard. Easy to clean, sealed and reliable in use.
- Large-number display, easy to read from a distance and from any angle.
- Plug-in terminal versions make install and controller replacement faster.
- Cooling or heating action (parameter d0)

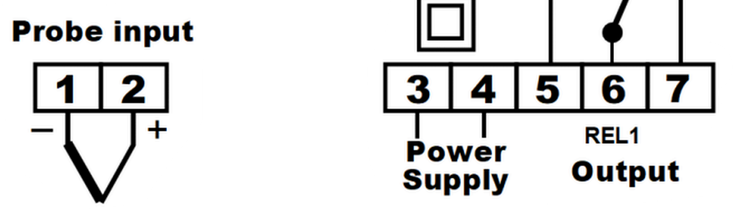
INPUTS & OUTPUTS

- Probe input: 1 × thermocouple, type J or K (P5).
- REL1. N.O. 16 A (RL), 30 FLA, 60 RLA, 240 V, 1 HP.
- Two temperature alarms, high or low. Internal buzzer.
- Relay state on probe error: ON or OFF (c2).

MEASUREMENT RANGE

- Thermocouple TCJ: 0 °C to 700 °C (±1% F.S.)
- Thermocouple TCK: 0 °C to 999 °C (±1% F.S.)
- Setpoint 0 to 999 °. Differential (r0) 1 to 99 °.

WIRING CONNECTIONS



STANDARDS & COMPLIANCE

- Safety: IEC/EN/UL/CSA 60730-1, 60730-2-9
- EMC: IEC/EN 61000-6-1 / -2 / -3 / -4
- Operation control device. Not for safety functions.

TECHNICAL SPECIFICATIONS

KTS11B 1 × thermocouple (TCJ / TCK)

Housing	Self-extinguishing polycarbonate
Temperature	Operating -20 °C to 60 °C Storage -40 °C to 85 °C ≤ 90 % RH, non-condensing
Accuracy/ Resolution	±1 % F.S. · 3-digit display
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

KTS11BW230P

- 1: 1 relay
- 1: 1 probe
- B: basic temperature controller
- W: white
  R: red
  Y: yellow
  B: blue
- 230: 230 Vac
  110: 115 Vac
  024: 24 Vac/Vdc
  924: 90-240 Vac
- (blank): fixed
  P: plug-in

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