FTPT04-001E_121001

Solar Thermal Energy Controller

KLTX3ST

RoHS CE



SOLAR THERMAL
Differential control
APPLICATION

IP64
Front protection
PROTECTION

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

CORE FEATURES

- Solar thermal energy controller
- Differential control of solar collector pump
- Auxiliary energy control, depending on model
- Energy dissipation control, depending on model
- Collector antifreeze protection
- Manual / automatic output control

3-digit display
Red / Green / Blue, depending on model

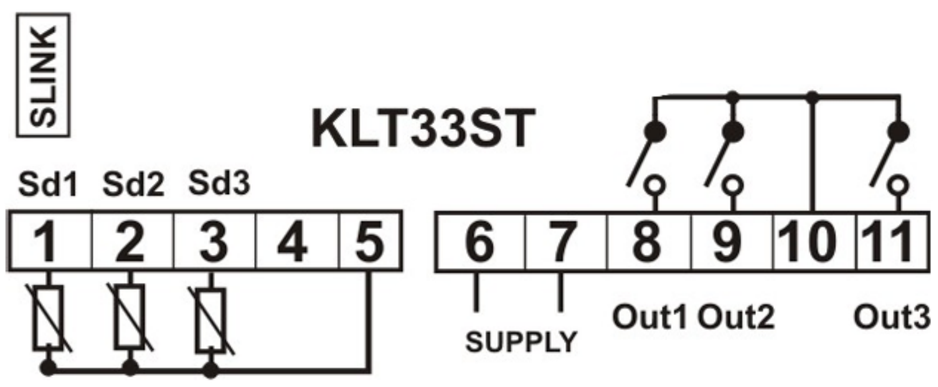
INPUTS & OUTPUTS

- 3 × PTC1000 probe inputs: solar collector, lower storage tank, upper storage tank
- Power Supply: 115 Vac ±10%, 230 Vac ±10%, 24 Vac/dc ±10%, 12 Vac/dc ±10%
- SLINK: programming / communication input
- Outputs by model:
  - **KLT13ST**: solar collector pump
  - **KLT23ST**: solar collector pump + auxiliary energy
  - **KLT33ST**: solar collector pump + auxiliary energy + energy dissipation

MEASUREMENT RANGE

- PTC: -50°C to 150°C (-58 to 302°F)

WIRING CONNECTIONS



TECHNICAL SPECIFICATIONS

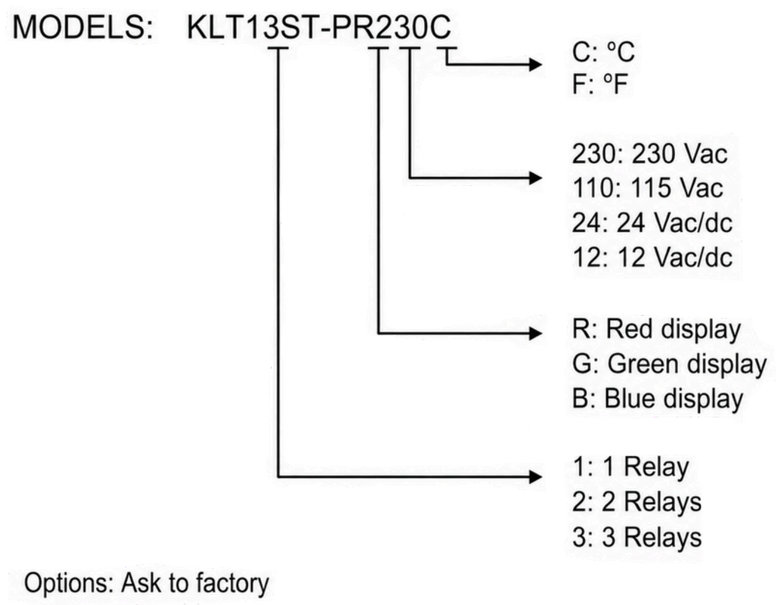
KLT33ST-PR230C	KLT33ST-PR110C
3 relays, red display, 230 Vac, Cº	3 relays, red display, 115 Vac, Cº

Dimensions	76 × 34 × 60 mm (3 × 1.34 × 2.36 in)
IP Protection	Front IP64 / Rear IP20
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% full scale
Resolution	1° (3 digits)
Probe Input	3 × PTC1000 probes (25°C - 1000 Ohm): sd1 solar collector, sd2 lower storage tank, sd3 upper storage tank selectable by parameter

POWER CONSUMPTION

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

HOW TO ORDER



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