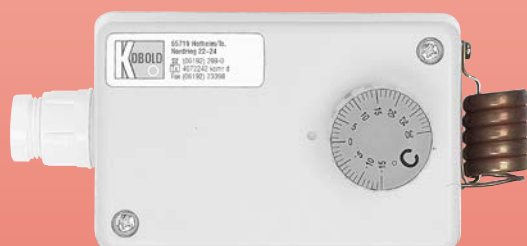
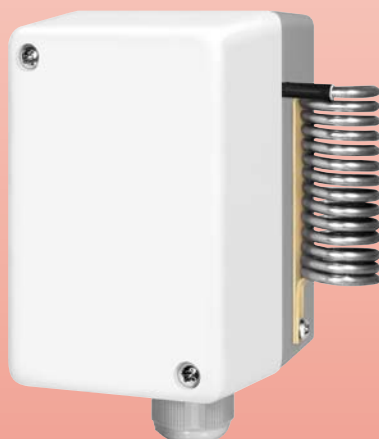
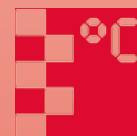


Room Thermostats for General Applications

TEA-R



- Switching range:
-30 ... +30 °C ... 0 ... +60 °C
- Material:
Housing: plastic
Probe: copper
- Single or double contact
switching



T1

KOBOLD companies worldwide:

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Description

The room thermostats are fitted with liquid-filled helix probes made of copper or stainless steel that act as temperature-dependent pressure probes. A change in temperature causes a pressure change in the probe, which is transferred to a switch by a bellows system or a diaphragm. A compression spring acts as a counteracting force. The switching values are set by changing the initial stress of the compression spring with a setpoint spindle.

Applications

- Monitoring and control of temperatures indoors
- Greenhouses
- Washing bays, exhibition halls, sports centres and industrial buildings

The following types are available

- TEA-R1...: with fixed switching difference *single contact*
- TEA-R2...: with fixed switching difference *double contact*
- TEA-R3...: with adjustable switching difference *single contact*

Room thermostats with adjustable switching difference *single contact*



Technical Details

Material:

- Housing: impact-resistant plastic
- Probe: copper, liquid-filled

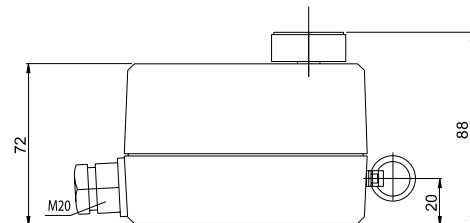
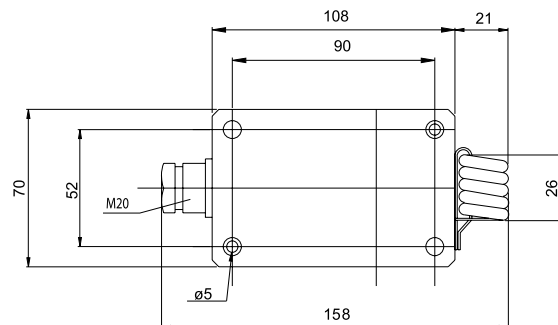
Contact operation: single-pole, floating changeover contact, dust proof

Hysteresis: 2-15 K adjustable

Switching capacity: 24 - 250 V_{AC}
15 A at 250 V_{AC}
8 A at 250 V_{AC} inductive

Protection: IP 65

Dimensions [mm]



Order Details (Example: TEA-R 3133 0)

Setting range	Max. probe temperature	Hysteresis adjustable	Order number	Option
-30...+30 °C	60 °C	2-15 K	TEA-R 3133...	..0 = without
0...+60 °C	75 °C		TEA-R 3106...	..A = full internal adjustment

Room thermostat with fixed switching difference single contact



Technical Details

Material:

● Housing:

● Probe:

Contact operation:

Switch capacity:

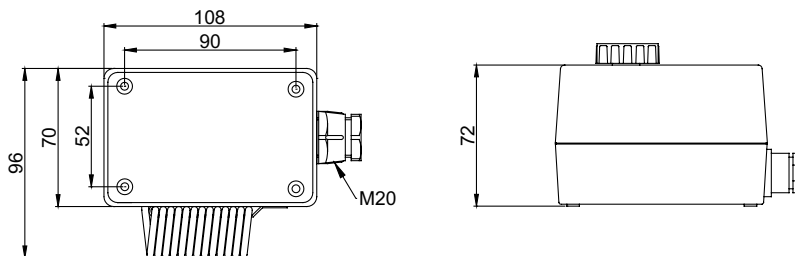
Protection:

impact-resistant plastic
copper-nickel, liquid-filled
single-pole, floating changeover
contact, dust-tight enclosed

24 - 250 V_{AC}
16 A at 250 V_{AC}
4 A at 250 V_{AC} inductive

IP 54

Dimensions [mm]



Order Details (Example: TEA-R 110 6A)

Setting range	Max. probe temperature	Hysteresis	Order number	Option
0 ... +60 °C	65 °C	1,5 ± 1 K	TEA-R 1106...	..0 = without ..A = full internal adjustment

Room thermostat with fixed switching difference double contact



Technical Details

Two independent measuring systems, separately adjustable, however for safety reasons, there is only one adjustment control available on the outside.

Material:

● Housing:

● Probe:

Contact operation:

Switch capacity:

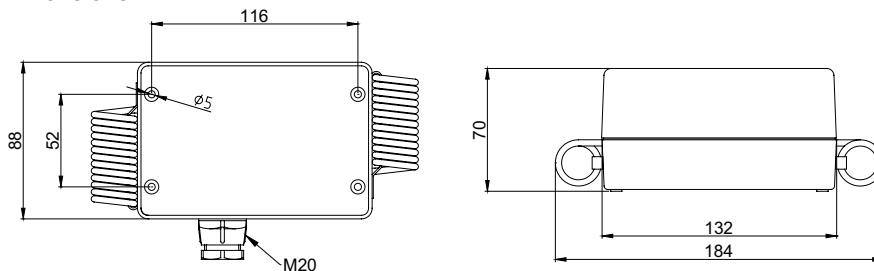
Protection:

impact-resistant plastic
copper-nickel, liquid-filled
single-pole, floating changeover
contact, dust-tight enclosed

16 A at 250 V_{AC}
4 A at 250 V_{AC} inductive

IP 54

Dimensions



Order Details (Example: TEA-R 2106 0)

Setting range 1	Setting range 2	Max. probe temperature	Hysteresis	Order number	Option
0 ... +60 °C	0 ... +60 °C	65 °C	1,5 ± 1 K	TEA-R 2106...	..0 = without ..A = full internal adjustment