

Datasheet KTRVB-048.100

Articlenumber: DA450000

Room thermostat, heating/cooling, surface-mounted, 24VAC/VDC, output 0...10V/10...0V, 2-pipe

Electronic surface-mounted climate controller for heating and cooling control in mixing chambers in hotels, residential and commercial premises. For controlling continuous valve drives or air dampers. The factory-set "zero point" of approx. 21 °C can be adjusted by ± 5 K in the device. The setpoint temperature can be adjusted by ± 3 K around the set zero point using the adjustment knob.



Actual temperature display	No
Additional heating switch	No
Ambient temperature	0 ... 50 °C
Assembly	Complete device
Bearing temperature	-20 ... 70 °C
Colour	Pure white
Control range	5 ... 30 °C
Cooling control function	Yes
Degree of contamination	2
Design	Berlin 2000
Dimensions (W x H x D)	78,3 mm x 83,4 mm x 25,5 mm
Display	No
ECO function (reduction)	No
Electric connection	Screw terminals
Electronic control	Yes
External setting	Yes
Heating control function	Yes

Housing material	Plastic ABS
Max. air humidity (non-condensing)	95 % r.H.
Max. switching current	5 mA
Mechanical range reduction	Yes
Medium	Air
Montage/Befestigung	Surface mounting
Number of outputs	1
Number of outputs, cooling	1
Number of outputs, heating	1
Operating voltage	24 VAC, 50 Hz / 24 VDC
Operation	Rotary knob
Output signal	Continuous, 0 ... 10 V, 10 ... 0 V
Potential free switching contact	No
Protection class	III
RAL colour number (similar)	9010
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Schalter Aus/Komfort/ECO	No
Schalter Ein/Aus	No
Schalter Heizen/Kühlen	No
Sensor element	NTC internal
Sensor external	No
Surface finish	Matt
Switch/lamp night-time reduction	No
Switching contact	Zero-contact
Switching difference, can be adjusted	No
Switching differential	Heating/cooling: 0 K
Switching element	Electronics with analogue output signal
Temperature controller version	Climate controller
Type of wiring	Three-/four-wire
With receiver	No

