

Datasheet KTRVB-048.100

Articlenumber: DA450000

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

Electronic surface-mounted climate controller for controlling heating and cooling in mixing chambers in hotels, residential properties and business premises. For controlling permanent valve actuators or air valves. The factory preset "zero point" of approx. 21...°C can be adjusted by +/- 5K in the device. The adjustment knob can be used to adjust the set temperature within the range +/- 3K of the set zero point.



Actual temperature display	No
Additional heating switch	No
Ambient temperature, lower value	0 °C
Ambient temperature, upper value	50 °C
Assembly	Complete device
Bearing temperature, lower value	-20 °C
Bearing temperature, upper value	70 °C
Colour	Pure white
Control range, lower value	5 °C
Control range, upper value	30 °C
Cooling control function	Yes
Degree of contamination	2
Depth	25,5 mm
Design	Berlin 2000
Display	No
ECO function (reduction)	No
Electric connection	Screw terminals

Electronic control	Yes
External setting	Yes
Heating / cooling switch	No
Heating control function	Yes
Height	83,4 mm
Housing material	Plastic ABS
Maximum air humidity (non-condensing)	95 % r.H
Maximum switching current	5 mA
Mechanical range reduction	Yes
Medium	Air, not aggressive
Mounting / attachment	Surface mounting
Number of outputs	1
Number of outputs, cooling	1
Number of outputs, heating	1
Off / comfort / ECO switch	No
On / Off switch	No
Operating voltage	24 V AC / 50 Hz, 24 V DC
Operation	Rotary knob
Output signal	0 - 10 V or 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
Sealable	No
Sensor element	NTC internal
Sensor external	No
Surface properties	Matt
Switch/lamp night-time reduction	No
Switching contact	Zero-contact
Switching difference	0 K, as controlled almost constantly
Switching difference, can be adjusted	No

Switching element	Electronics with analogue output signal
Temperature controller version	Climate controller
Thermal feedback	No
Type of protection	IP30
Width	78,3 mm
With explosion protection	No

