

Data Sheet KTRVB-048.100

Article number: DA450000

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



Number of outputs	1
Number of outputs, heating	1
Number of outputs, cooling	1
Actual temperature display	No
Temperature controller version	climate controller
Output signal	continuous, 0 ... 10 V, 10 ... 0 V
External setting	Yes
Operation	rotary knob
Operating voltage	24 VAC, 50 Hz / 24 VDC
Design	Berlin 2000

Display	No
ECO function (reduction)	No
Electric connection	screw terminals
Electronic control	Yes
Colour	pure white
RAL colour number (similar)	9010
Sensor element	NTC internal
Bearing temperature	-20 ... 70 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic ABS
Max. switching current	5 mA
Mechanical range reduction	Yes
Medium	Air
With receiver	No
Mounting/attachment	surface mounting
Surface finish	matt
Control range	5 ... 30 °C
Heating control function	Yes
Cooling control function	Yes
Switching differential	Heating/cooling: 0 K
Switching difference, can be adjusted	No
Switching element	electronics with analogue output signal

Switch Off/Comfort/ECO	No
On/Off switch	No
Heating/cooling switch	No
Additional heating switch	No
Switch/lamp night-time reduction	No
Switching contact	zero-contact
Potential free switching contact	No
Protection class	IP30
Protection class	III
Sensor external	No
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Ambient temperature	0 ... 50 °C
Type of wiring	three-/four-wire
Degree of contamination	2
Assembly	complete device
Dimensions (W x H x D)	78,3 mm x 83,4 mm x 25,5 mm



