

# Bimetal climate controllers

For surface installation – Design Berlin 3000



## Technical data

<b>Operating voltage:</b>	250 V ~ / 50 / 60 Hz
<b>Sensor:</b>	bimetal
<b>Switching current:</b>	6 (3) A ~
<b>Contact:</b>	changeover contact
<b>Setting ranges:</b>	5 ... 30°C
<b>Switching difference:</b>	approx. 0.5 K
<b>Switch:</b>	see "Equipment"
<b>Degree of protection:</b>	IP 30
<b>Protection class:</b>	II, after acc. installation
<b>General equipment:</b>	thermal recirculation mechanical range suppression
<b>Admissible air moisture:</b>	max. 95 % r.h., non condensing
<b>Storage temperature:</b>	-20 ... +70°C
<b>Radio interference suppression:</b>	EN 60730
<b>Ambient temperature:</b>	0 ... 30°C
<b>Housing colour:</b>	pure white, similar to RAL 9010
<b>Housing material:</b>	plastic (ABS)
<b>Mounting / installation:</b>	surface installation / wall mounting
<b>Weight:</b>	approx. 160 g
<b>Electrical connections:</b>	terminal screws

## Application

Control and supervision of temperatures in dry, closed rooms. Remote control of air conditioners and fancoil units and fancoil systems in living spaces, offices and surgery rooms.

Specially suited for the optimisation of central air conditioning systems in hotels, hospitals, etc.

Suited for all types of heating systems. (Also please pay regard to the switching capacity information in the corresponding "circuit diagram").

**Note:** For further climate controllers, also please see pages 9 to 10 (RTBSB-001.010 / 065) and 12 to 13 (FTR 101.010 / 101.065). For flush mounted cooling ceiling controllers see page 44.

See also "General technical information" as of page 164.

Model / Picture	Item No.	Equipment	Circuit diagram	PG
	<b>MA 200100</b> <b>New</b>  Replaces MTR 52.041	ON / OFF switch: 3-stage fan (for controller with Pikolo 2 design housing, see page 38 = PTR 02.801)	KTBSB-112.000 6(3)A 250V ~ T30 4K/h 	A
	<b>MA 200000</b> <b>New</b>  Replaces MTR 53.068	Switch / lamp: ON / OFF Switch: "heating / ventilation / cooling" Lamps: "heating" and "cooling" Switch: "3-stage fan" Controller for 4-pipe systems	KTBSB-113.500 6(3)A 250V ~ T30 4K/h 	A
	<b>MA 210000</b> <b>New</b>	Application: direct excitation of a heat pump Switch / lamp: ON / OFF Switch: "heating / ventilation / cooling" Lamps: "heating" and "cooling" Switch: "3-stage fan"	ETBSB-113.500 6(3)A 250V ~ T30 4K/h 	A
<b>JZ-17</b>	<b>MN 990001</b> <b>New</b>	Adapter plate for installation on an UP box (incl. fixing screws for the installation of the KTBSB/ETBSB on the adapter plate)		K

Further climate controllers in preparation – see overview of climate controllers on page 52, for electronic climate controllers see as of page 40 and for flush mounted climate controllers as of page 44

