

## Electronic air conditioning regulator

Surface-mounted installation – Design Berlin 3000



### Technical data

<b>Operating voltage:</b>	230 V~, 50 Hz
<b>Temperatur-Fühler:</b>	extern 47 k NTC / Intern 47 k NTC
<b>Change-Over-Sensor:</b>	external 47 k NTC for H / C change-over
<b>Switching current:</b>	heating 5 (1) A; cooling 5 (1) A; fan 6 (2) A / 230 V~
<b>Setting ranges:</b>	5...30 °C
<b>Switching difference:</b>	approx. 1 K
<b>Neutral zone:</b>	approx. 2 K, permanently
<b>Type:</b>	KTRRB-117.128
<b>Equipment:</b>	“ON/OFF” switch, “3-Stage Fan” switch; mechanical range suppression; Switch S1: Switches off external contact (frost protection) / ECO; Switch S2: Fan in neutral zone on / off; Switch S3: Heating and cooling (4-pipe) / Heating or cooling (2-pipe); Switch S4: external / internal sensors
<b>Application:</b>	Control of climates in individual rooms. Device with neutral zone for the control of 2- or 4-pipe air conditioning systems.

“Superflat” surface-mounted installation – Design Berlin 1000



### Technical data

<b>Operating voltage:</b>	230 V~ ; 24 V~ / 50 Hz
<b>Sensor:</b>	intern 47 K NTC
<b>Switching capacity:</b>	15 W
<b>Setting ranges:</b>	5...30 °C
<b>Switching difference:</b>	< 1 K
<b>Temperature decrease:</b>	approx. 3 K
<b>Indicators (LEDs):</b>	“heating / cooling”
<b>Type:</b>	KTRTB-251.108 – 24 V~ / KTRTB-211.108 – 230 V~
<b>Equipment:</b>	external “Comfort / ECO” contact, external H / C change-over contact, mechanical range suppression
<b>Application:</b>	Single-room temperature regulator for 2-pipe air-conditioning systems with Triac switching element (noiseless switching)

Noiseless switching thanks  
to Triac element