

BUILDING AUTOMATION
CONTROL TECHNOLOGY
SENSOR TECHNOLOGY

alre



HTRRBd
The subtle one.

GREATLY REDUCED YET GREAT



THE ELECTRONIC SURFACE MOUNTED CONTROLLER FOR MINIMALISTS

This minimalist thermostat is a sleek and simple device that allows for easy and precise temperature control. The aim was to develop a thermostat with a minimalist aesthetic that features a clean interface reduced to only the essentials. The device is equipped with two seven-segment displays that show the current room temperature and allow the user to set the desired temperature via simple up/down touch sensors. The controller is ideal for those who prefer a minimalist lifestyle, as it takes up little space and seamlessly integrates into any modern decor.

- + Sensor: NTC-internal
- + Switch contact: 1 relay/normally closed
- + 2-digit 7-segment display
- + Control range: 5 °C - 30 °C
- + Valve protection
- + Screw terminals
- + Switching capacity: 3 (0.5) A, 10 actuators
- + Housing pure white (similar to RAL 9010)
- + 13.9 mm Berlin 1000 design
- + Power consumption: < 1W (< 0.5W when display is inactive)

NEW

ROOM TEMPERATURE CONTROLLER ELECTRONIC HTRRBd SURFACE-MOUNTED `ULTRA-THIN` - DESIGN BERLIN 1000




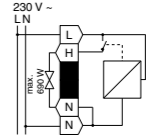
TECHNICAL DATA


Design:	Berlin 1000
Surface finish:	glossy
Housing colour:	pure white, similar to RAL 9010
Housing material:	ABS plastic
Ambient temperature:	0 to 40 °C
Storage temperature:	-20 to +70 °C
Permissible atmospheric humidity:	Max. 95% rel. humidity, non-condensing
Electrical connection:	screw-type terminals
Mounting / attachment:	Surface- / wall-mounting (4-hole assembly on flush-mounted socket)
Protection rating:	IP30
Protection class:	II, if properly mounted
Safety and EMC:	according to DIN EN 60730
Average power consumption:	< 0.5 W
Max. switching current:	3 (0.5) A
Switching element:	relay
Switching contact:	NO contact
Output signal:	switching, 230 VAC, 50 Hz
Sensor:	NTC, internal
Control range:	5 to 30 °C
Display:	2-digit 7-segment display (white)
Hysteresis:	< approx. 0.5 K at a temperature change of max. 4 K/h

APPLICATION

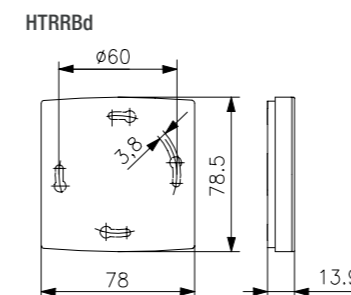
temperature control and monitoring in offices, homes and hotels, can be connected directly to the valve actuators for hot water heating systems.

Valve actuator: normally closed. Up to max. 10 actuators for valves can be connected.

TYPE/IMAGE	ITEM NO.	CIRCUIT DIAGRAM	EURO/PG
HTRRBd-210.100 	MA700800		

ACCESSORIES	ITEM NO.	FEATURES	EURO/PG
JZ-21 	MN990006	Adapter frame for mounting the room temperature controller on flush-mounted sockets up to 80 x 80 mm	

ILLUSTRATIONS





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simply control.**

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