

## Bimetal room temperature controller

For surface installation or as fully packaged device – Design Pikolo







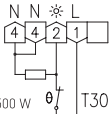

### Technical data

<b>Operating voltage:</b>	250 V ~ / 50 / 60 Hz
<b>Sensor:</b>	bimetal
<b>Switching capacity:</b> Break contact	3000 Watt
<b>Setting ranges:</b>	5 ... 30°C (note numeral scale 1 ... 6)
<b>Switching difference:</b>	approx. 1 K
<b>Degree of protection:</b>	IP 30
<b>Protection class:</b>	II (protection class I and II compliant consumers)
<b>General equipment:</b>	mechanical range suppression (except PTR01.401)
<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>	wall mounting or ready for plug in
<b>Weight:</b>	approx. 330 g (PTR 01.4 ...)

### Application

Control of the temperatures in rooms heated by radiators, closed fireplaces, direct electrical heating systems, marble heating systems, etc.

**Caution! If connecting loads of more than 2300 Watt, care must be taken to ensure that the wall socket is dimensioned for 16 A (fire hazard).**

Model / Picture	Item No.	Equipment	Circuit diagram	PG
<b>PTR 01.401</b> 	A 201200	Cable, 1.5 m long, with Schuko adapter plug. Controller suited for permanent installation or for wall suspension by means of a special adapter plate (2-hole fixing, drilling jig included in the scope of the delivery). On request also available with special plug for <b>Switzerland</b> (PTR 01.402 CH).	fully packaged	A
<b>PTR 01.411</b> 	A 201121	Cable, 1.5 m long, with Schuko coupling. A preassembled plug-in socket enables to plug the controller directly into the wall socket.	fully packaged	A
<b>XA-PTR 2-14</b> 	A 109404	Plug in socket (as with PTR 01.411), completely prewired (see drawing below), can be completed with room thermostat PTR 01.086.	fully packaged or installation with room thermostat PTR 01.086, see below	A
<b>PTR 01.086</b> 	A 201080	Break contact, numeric scale 1 ... 6, <b>switching capacity 3000 Watt</b> . For direct electrical heating systems, such as marble heating systems and others.	TYP PTR01.086 13(4)A 250V ~ [max.3000W] Do not connect terminals with calorific outputs of more than 1500 W  CE  4K/h 4 12 223 1	A

