

Thermostats

Features

- Precise temperature control
- Low profile, attractive design
- Surface mounting
- Combination heating / cooling

Applications

- Central heating
- Cooling devices (thermio 603, 703, 713)
- Boiler
- Combi-boiler
- Fan Coil (thermio 713)

Voltage

EAN-Code 4010940

Ord.-No.



thermio 603

2 x 1,5 V	041328	04.46.0016.1
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- Electronic control with digital temperature indicator (actual temp.)
- Function mode: heating / cooling



thermio 703

230 V AC / 50 Hz	041335	04.46.0017.1
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- Electronic control with digital temperature indicator (actual and desired temp.)
- Function mode: heating / cooling



thermio 713

230 V AC / 50 Hz	041342	04.46.0018.1
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- Electronic control with digital temperature indicator (actual and desired temp.)
- Function mode: heating / cooling
- Control of fan coils



thermio touch

2 x 1,5 V	041359	04.46.0019.1
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- Electronic control with digital temperature indicator (actual and desired temp.)
- Function mode: heating
- Touch screen
- External input

Technical data

	thermio 603	thermio 703	thermio 713	thermio touch
Dimensions H x W x D (mm)	82 x 121 x 18		82 x 111 x 26	82 x 111 x 26
Weight (g) approx.	108	114	128	168
Connection	2 x 1,5 V LR03 / AAA	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz	2 x 1,5 V LR03 / AAA
Protection class	II		II	II
Switching capacity – ohmic load (VDE, IEC) – inductive load cos φ 0,6	max. 6 A / 250 V AC / 50 Hz max. 2 A / 250 V AC / 50 Hz		max. 6 A / 250 V AC / 50 Hz max. 2 A / 250 V AC / 50 Hz	max. 6 A / 250 V AC / 50 Hz max. 2 A / 250 V AC / 50 Hz
Switching output	potential-free		potential-free	potential-free
Differential	0.4 / 0.6°C		0.4 / 0.6°C	0.4 / 0.6°C
Controlled temperature	+5°C ... + 30°C	+5°C ... + 35°C	+5°C ... + 35°C	+5°C ... + 35°C
Temperature meas. range	+0°C ... + 40°C		+0°C ... + 40°C	+0°C ... + 40°C
Display temperature update	every 10 sec.		every 10 sec.	every 10 sec.
Ambient temperature	-5°C ... + 45°C		-5°C ... + 45°C	-5°C ... + 45°C
Accuracy	± 1°C at +20°C		± 1°C at +20°C	± 1°C at +20°C
Resolution	0,5°C		0,5°C	0,5°C
Protection type	IP 30		IP30	IP 30

Dimensional drawings / circuit diagrams:

