

## Datasheet KTFRL-214.140

Articlenumber: BA121500

Wireless temperature actuator heating/cooling for mounting in heating circuit distributor, 4-channel, IP20

4-channel radio temperature actuator (wireless temperature controller) for heating/cooling, which realise individual room temperature control in conjunction with alre wireless room temperature sensors. Mainly used in renovation projects or for heating system extensions. Installation in the heating circuit manifold, Max. 3 actuators per channel can be connected directly / max. 11 actuators in total, including pump module, one time zone per channel possible, master-slave operation, averaging with up to 8 measuring points. The top section can be removed to teach the wireless sensors in the individual rooms. This requires the use of an optional, commercially available 9V battery. The channel selection button and a teach-in button make it very easy to teach-in the sensors.



Ambient temperature, lower value	-10 °C
Ambient temperature, upper value	50 °C
Bearing temperature, lower value	-20 °C
Bearing temperature, upper value	70 °C
Colour	Anthr. grey (RAL7016), frontp. transp.
Connection cross-section	0,5 mm <sup>2</sup> bis 1,5 mm <sup>2</sup>
Control range, lower value	5 °C
Control range, upper value	30 °C
Cooling control function	Yes
Depth	62 mm
Display type	LED
Electric connection	Spring push-lock terminals
Heating control function	Yes
Height	100 mm
Housing material	Plastic PC

Material quality	Thermoplast
Maximum air humidity (non-condensing)	95 % r.H
Maximum switching current	3 (1) A
Maximum switching voltage	230 V AC, 50 Hz
Minimum switching voltage	230 V AC / 50 Hz
Mounting / attachment	Surface mounting or standard rail
Number of channels/zone	4
Number of outputs	5
Operating voltage	230 V AC / 50 Hz
Operation	Key
Output signal	Switching (230 V AC, 50 Hz)
Potential free switching contact	No
Protection class	II, following appropriate mounting
Radio frequency	868,3 MHz
Safety and EMC	In accordance with DIN EN 60730
Surface properties	Gloss
Switching contact	5 normally open contacts
Switching difference	Approx. 0.5 K (delta T max. 4 K/h)
Switching element	5 relays
Switching power	690 W
Type of protection	IP20
Width	197 mm
Wireless bidirectional	No
Wireless bus bus system	Yes
Wireless interface	Yes
With additional contact	Yes
With timer	No

