

## Datasheet KTRRUU257.456#55/V2

Articlenumber: UA220106

Room thermostat with timer, heating/cooling, flush-mounted, 24V AC/V DC, cover 55x55mm, pure white, gloss



Actual temperature display	Yes
Adaptive heating time start	Yes
Ambient temperature, lower value	0 °C
Ambient temperature, upper value	40 °C
Bearing temperature, lower value	-20 °C
Bearing temperature, upper value	70 °C
Clock type	Day/week
Clock version	Digital
Colour	Pure white
Control behaviour	2-point or PI-PWM
Control range, lower value	5 °C
Control range, upper value	40 °C
Cooling control function	Yes
Degree of contamination	2
Depth	46 mm
Design	Berlin UP
Display	Yes
Display type	Illuminated, graphic display
ECO function (reduction)	Yes

ECO input (reduction)	24 V AC / 50 Hz, 24 V DC
ECO output (reduction)	24 V AC / 50 Hz, 24 V DC
Electric connection	Screwed plug-in terminals
Energy efficiency class	I or IV
External setting	Yes
Heating control function	Yes
Height	71 mm
Housing material	Plastic ABS, PC, PMMA
Maximum air humidity (non-condensing)	95 % r.H
Maximum power consumption	Approx. 1 W (2.2 VA)
Maximum switching current	3 (0,5) A
Maximum switching voltage	24 V AC / 50 Hz, 24 V DC
Medium	Air, not aggressive
Minimum switching voltage	24 V AC / 50 Hz, 24 V DC
Mounting / attachment	Flush mounting (deep socket recommended)
Neutral zone	Adjustable
Number of control ranges	1
Number of outputs	3
Number of outputs, cooling	1
Number of outputs, heating	1
Number of switching programs	7
Operating voltage	24 V AC / 50 Hz, 24 V DC
Operation	Touch-sensitive buttons
Output signal	Switching 24 V AC/V DC, 0-10 V
Party function	Yes
Potential free switching contact	No
Power reserve	Approx. 3 days
Protection class	III
RAL colour number (similar)	9010
Rated impulse voltage	500 V
Safety and EMC	In accordance with DIN EN 60730
Sensor element	NTC internal, optional NTC external

Sensor external	No
Shortest switching time	15 min
Surface properties	Gloss
Switching contact	2 normally open contacts
Switching difference	Room control < 1K, underfl. control < 2K
Switching difference, can be adjusted	No
Switching element	Relay
Switching power	72 W
Temperature controller version	Climate controller
Type of protection	IP30
Width	71 mm
With explosion protection	No

