Typ: FTRFUd-210.123#57

Art.-No.: UA080005

Features:
Radio-controlled temperature sensor with clock, flush-mounting, 230VAC, 5...30°C, pearl white, glossy

Application:

Technical Data:

Dimensions of housing:	81 x 46 x 85 mm
Dimensions of packaging:	115 x 60 x 115 mm
Display:	Set, actual temperature / date, time; Set, actual temperature or date, time
Displaytype:	illuminated graphical display
External setting:	yes
Configuration:	Radio transmitter for acquiring and setting the room temperature with the clock, holiday setting, party setting, different clock programs can be set for heating and cooling, usable as the master for master-slave operation (pilot controller)
automatic adjustment to standard/daylight savings time:	adjustable
Operation using direct-dial buttons:	yes
Operating voltage:	230 VAC, 50 Hz
Design:	Berlin UP
digital actual value display:	yes
digital setpoint value display:	yes

average power consumption:	
Eco:	yes
Eco function:	yes
ECO value adjustable:	1K...6K
On Off:	yes
setting range to:	30
setting range from:	5
Electrical connection:	Pluggable screw terminals
:	optional 7 different external sensors (2, 3, 10, 12, 15, 33, 47 kOhm@25°C)
Colour of housing:	pearl white (like RAL 1013)
Sensor:	NTC internal, optional external NTC
Radio frequency:	868,3 MHz
Function type:	020
Power reserve (days):	approx. 3 days
Weight:	approx. 190 g
Backlighting:	Backlighting of the display adjustable
Actual value correction/Measured value correction:	customisation is possible for more accurate measurement results
Child-safe features:	Protection against unintentional mis-adjustment
Storage temperature:	-20...+70 °C
Learn function:	automatic adjustment of the controller to the start of the heating time; the goal is to achieve the comfort temperature at the time that has been set
Scope of supply:	transmitter, cover 55 x 55 mm, pearl white (like RAL 1013), glossy, without a frame
Material of housing:	Plastic PC, PMMA, ABS
Medium:	Air, not aggressive
Installation/fastening:	in flush-mounted socket (a deep flush-mounted socket is recommended)
Surface quality:	glossy
Party setting:	serves, independently of the program that has been set or the operating mode, for a one-off activation of a comfort heating/cooling time
Pilot function:	for temperature reduction of other controllers
Control range up to:	30
Control range from:	5
Control function:	Heating and/or cooling
Range:	150 m line-of-sight or up to 30 m in buildings, depending on the construction
Degree of protection:	II, if properly mounted
Protection class:	II, nach entsprechender Montage
Transmission interval:	approx. 3 min and after set value change
Safety and EMC:	according to DIN EN 60730 and DIN EN 300220
Ambient temperature up to:	40
Ambient temperature from:	0

Holiday setting: serves for energy-saving during a prolonged absence and timely heating to the desired temperature at the time of return

Valve protection: yes

Factory setting: ECO/holiday temperature heating -3K and cooling+3K, comfort temperature 20°C, comfort times heating: Mo.-Fr. 5am-9am / 4pm-10pm, Sa. Su. 6am-22pm, comfort times cooling: Mo.-Fr. 0am-9am / 4pm-0am, Sa. Su. 0am-24pm, keylock disabled, automatic summer/winter time switching activated, valve and pump protection function deactivated, learning function disabled, display backlighting 10s, display indication of time a. temperature

Permissible atmospheric humidity: max. 95% r.h., non-condensing

Ciruit Diagram: