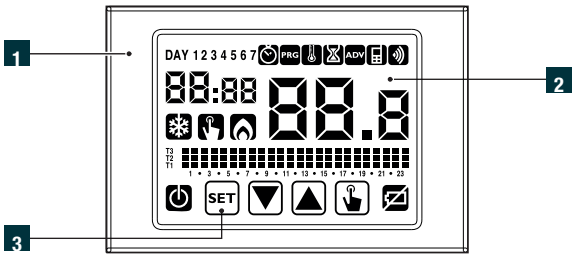
RADIOFREQUENCY THERMOREGULATION

RADIO FREQUENCY TOUCH SCREEN WEEKLY CHRONOTHERMOSTAT



Components

1. Plastic base for wall installation or to cover the 503 box
2. Large backlit touch screen display for viewing the operating status, the time and day and the measured temperature
3. Touch screen keyboard for programming the device

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GENERAL CHARACTERISTICS

Power supply: 2 x 1,5 V (type AAA)
Power reserve (to change batteries): 1 minute
Autonomy: 12 months (with low battery indication, estimated but not guaranteed)
Summer/Winter mode
Automatic programming with:
- 7 programs for winter operation (changeable)
- 7 programs for summer operation (changeable)

Temperature adjustment ON/OFF or proportional
5 settable temperatures:
- T1, T2, T3 in automatic mode
- Tm in manual mode
- Toff in off mode (anti-freeze temperature, excludable)

Minimum adjustment interval: 1 hour
Communication delay settable between 15, 30 or 45 minutes (independent for each hour)
Keylock with password
Summer/winter time change automatic
Open window detection function
Display with blue backlight (active at the touch of a button)
Delegated Regulation (EU) No. 811/2013; annex IV-3:
- Class of the temperature control device: Class 4; class IV
- Contribution of the temperature control device to the seasonal energy efficiency of environment heating in%: 2%

TECHNICAL DATA

Battery powered: 2x1,5 V alkaline batteries (type AAA) (not supplied)
Fixing: to the wall or to cover on a standard 503 type box
Weekly programming
Operating mode: summer/winter/off
Type of regulation: ON / OFF or proportional or setpoint sending for autonomous management of the radiofrequency actuator
Differential: 0,1 ÷ 1 °C
Settable temperatures: 3 + manual + antifreeze
Settable setpoint: 2 ÷ 35 °C
Resolution of measured temperature: 0,1 °C
Measurement precision: 0,5 °C
Antifreeze temperature (excludable): 1 ÷ 10 ° C
Programming resolution: 1 hour
Ignition delay: 15, 30 or 45 minutes
Clock accuracy: ± 1 s/day
Maximum distance between radiofrequency chronothermostat and actuator: 50 meters in free field
Operating temperature: 0 ÷ 50 °C
Storage temperature: -10 ÷ 65 °C
Operating humidity: 20% to 90% RH non-condensing
Degree of protection: IP40

GP 2512
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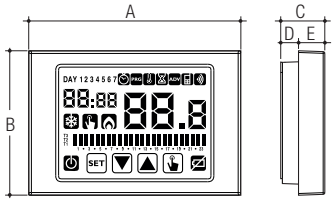
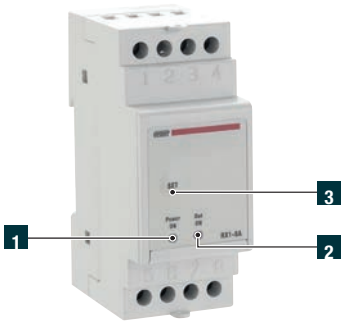
Radio frequency touch screen weekly chronothermostat to be combined with radio frequency actuators.



CODE	A mm	B mm	C mm	D mm	E mm	Pack pcs/box
02018144	125	85	26	10,5	15,5	1

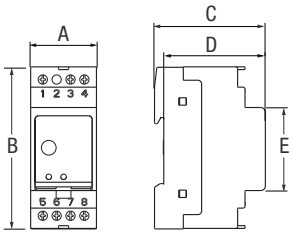
GP 2512

RADIOFREQUENCY
THERMOREGULATION



1-channel DIN rail radio frequency actuator with fixed delay.

Radio frequency actuator that receives the actuation command directly from the electronic radio frequency chronothermostat, operating as a normal remote actuator, installed on a DIN rail for boiler management, for example. Actuation occurs 5 minutes after the actuator has received the command from the chronothermostat.



1 Green LED indicating the operating status
2 Red LED indicating the relay status
3 SET button for programming and resetting the channel

TECHNICAL DATA
Power supply: 230 V AC (-15%/+10%) 50/60 Hz
Outputs:
- 1 relay with 8A 250 V AC changeover contact with resistive load
- Activation with a fixed delay of 5 minutes after receiving the command from the FIV radio frequency chronothermostat, and instantaneous deactivation
- Connection to an external antenna (optional)

Maximum distance between radiofrequency chronothermostat and actuator: 50 meters in free field.
Operating temperature: 0 ÷ 50 °C
Storage temperature: -10 ÷ 65 °C
Installation on DIN rail - Measurement: 2 DIN modules
Protection degree: IP40
Compliant with EU Directives:
- Low voltage (LVD)
- Electromagnetic compatibility (EMC)

Available only on request.

CODE	Size	A mm	B mm	C mm	D mm	E mm	Pack pcs/box
02018124	2 DIN modules	35,6	87,8	60	55	45	1

Example of radio frequency chronothermostat configuration + 1-channel DIN rail radio frequency actuator with fixed delay

(*) RF actuator from DIN bar for boiler consent with 5 minutes delay.

Use: autonomous single-zone type system