finder
RELAYING INNOVATION

Digital chronothermostats

- Geolocation
- Comfort
- Energy savings
- Ecological
- Flexibility
- Heating and cooling
- Building automation



1C
SERIES

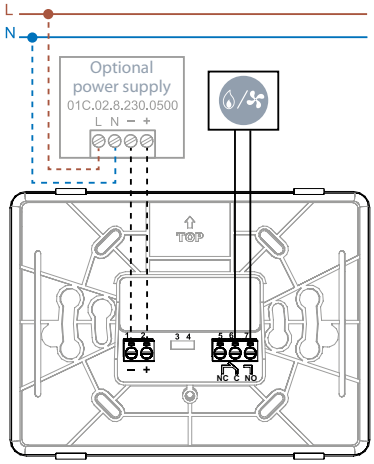
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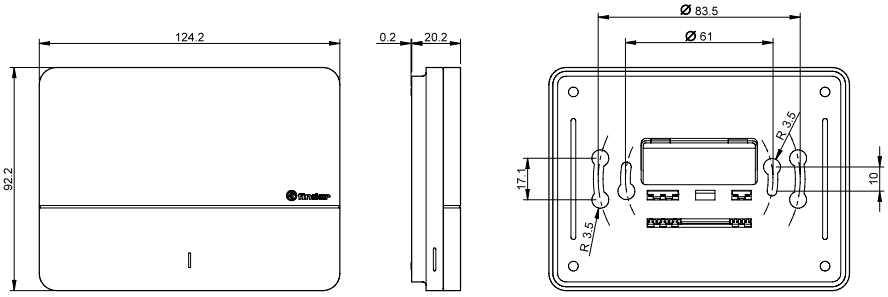
1C.B1 BLISS2

Smart thermostat BLISS2

- Remote management via the app (Android or iOS) thanks to the Wi-Fi GATEWAY, 1Y.GU.005.1
- Without internet connection, the BLISS2 can be set up via GATEWAY using the Bluetooth communication
- Stunning design LED matrix display
- Touch keys
- 3x batteries, type AAA (estimated electrical life of 1.5 years)
- Timed manual operation from 1 hour to 99 hours, or permanent mode
- Summer/winter function
- Temperature setting +5…+37°C
- Humidity sensor 1%…99%
- Contact rating 5 A 250 V AC
- Perfect for direct surface mounting or installation over "503" or 60 mm round wall boxes







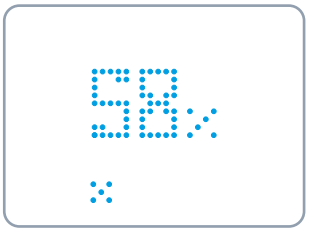
Colour	Smart thermostat BLISS2
White	1C.B1.9.005.0007
Technical features	
Sensing element	Electronic sensor
Supply	3 batteries 1.5 V AAA or with optional external power supply (page 4)
Contact configuration	1 CO (SPDT)
Contact rating	5 A/250 V AC
Display range	0…+50 °C
Temperature setting range	+5…+37 °C
Temperature differential	0.1…0.9 °C / settable by app
Humidity sensor	1…99%
Nighttime set-back	—
Independently set temperature levels	from 5…37 °C
Thermostat lock	Temperature range
Protection category	IP 20
Mounting	Surface
Temperature resolution	0.1 °C
Accuracy at +20 °C	+/–0.5 °C
Frost Protection	+5 °C
Weekly/Daily	Weekly settable via app
Minimum programming interval	1 minute
Energy saving function	Geolocation
Push-buttons	Touch keys
Back-light display	YES
Communications	868 MHz RF and Wi-Fi via GATEWAY Type 1Y.GU.005.1
App programming	YES
Approvals (according to type)	CE UK CA EAC



BLISS2

With BLISS2

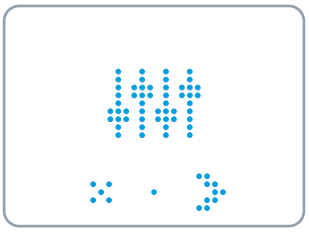
- Read the room Relative Humidity value
- Program the thermostat in manual mode
- Manage the thermostat remotely via the Finder YOU app
- Manage the room temperature through voice assistants



%HR
Display of Relative Humidity currently present in the atmosphere.



ROOM TEMPERATURE
Thermostat is set to AUTOMATIC mode (AUTO) and will respond to programming via the app.



SETTINGS MENU
From here you can access the device settings.



Type 1Y.GU.005.1



Type 1Y.GW.8.230.BS00

WORKS WITH amazon alexa

works with the Google Assistant

Works with IFTTT

2.4 GHz

Type 1Y.GU.005.1
Type 1Y.GW.8.230.BS00 - modular
Second generation GATEWAY

GATEWAY

The GATEWAY is a device which works in synergy both with smart BLISS2, and with the YESLY comfort living system.
This is a device which is small, elegantly designed and extremely easy-to-install.

By installing GATEWAY and related products for adjusting the temperature and for managing your smart home, it will be possible to control the temperature of your home, the switching on of lights, the movement of shutters and the configuration of personalised scenarios through your Wi-Fi, using the dedicated Finder YOU Apps.

BLISS2 and the YESLY devices, if there is no internet, can in any case be operated via Bluetooth.

GATEWAY connects via the 2.4 GHz WiFi network of the home router.
However, if your wireless connection goes down the YESLY system will continue to work with Bluetooth.

GATEWAY can be integrated with all existing YESLY and BLISS2 systems

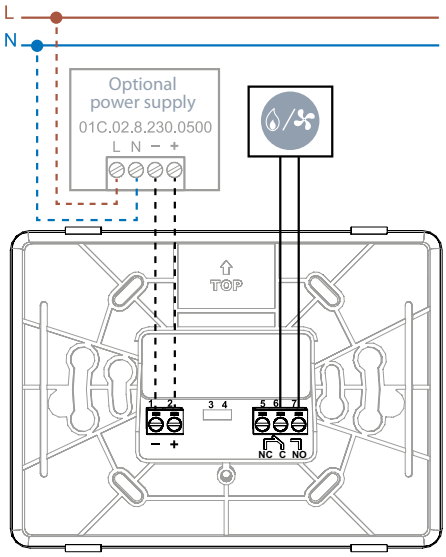
Up to 10 BLISS2 can be paired with each GATEWAY



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Type 01C.02.8.230.0500
Power supply for smart thermostat BLISS2

This power supply is perfect for installations with multiple thermostats, in both the residential and commercial sectors.
In particular: hotel, B&B, offices and similar.

- Rated power: 2 W
- Nominal voltage: 110…230 V AC
- Output voltage: 5 V DC
- Ambient temperature range: 0…40°C
- Maximum cable length between power supply and BLISS2:
  40 m (2 x 1.5 mm^2 flexible cable)

When using the smart thermostat BLISS2 with the external power supply, the batteries MUST be removed.



With Finder YOU app

- Remotely manage the thermostat easily and intuitivly
- Create and edit weekly time schedules
- Share and manage your thermostat from multiple smartphones and different users
- Control multiple thermostats within the same house or in different homes
- Check the working time of the heating system and monitor its performance by viewing the deviation between the set and measured temperatures
- Set the AUTO-AWAY geolocation energy saving function

GET IT ON Google Play
Download on the App Store
Finder YOU
WORKS WITH amazon alexa
works with the Google Assistant

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The BLISS2 thermostat is available in two different packs:



Packaging code: 1C.B1.9.005.0007.POA

This bundle contains 1 BLISS2 thermostat + 1 GATEWAY.
The GATEWAY is essential for working in smart mode, and is able to pair with up to 10 BLISS2 devices.



BLISS2
Thermostat
1C.B1.9.005.0007

+



GATEWAY
GATEWAY
1Y.GU.005.1



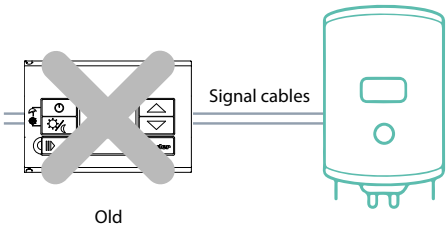
Packaging code: 1C.B1.9.005.0007

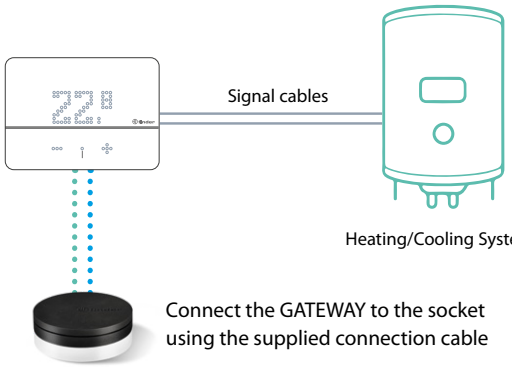
This package contains a single BLISS2 thermostat and is for those who need to install multiple devices and are already in possession of the appropriate GATEWAY.

Easily replace your old wall-mounted thermostat

BLISS2 is a simple solution for replacing an existing thermostat whether it be powered by a battery or wired to a power supply, or whether it is directly surface mounted or fitted on an electrical wall box.

To use BLISS2 in smart mode, simply connect the GATEWAY to the electrical socket and pair the devices via the Finder YOU app.
You can replace any Finder or other brand of thermostat*.





Connect the GATEWAY to the socket using the supplied connection cable

* For thermostats with equivalent underlying functionality. For more information or assistance, contact our local sales office or toll-free number

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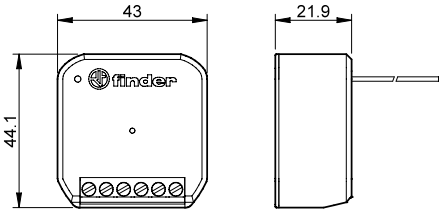
Radio frequency remote actuator for BLISS2

Type 13.21.8.230.S000

- 868 MHz long-range radio frequency transmission
- Multi-zone heating/cooling function
- Hygrostat function combined with the BLISS2 thermostat
- Compatible with the BLISS2 smart thermostat

13.21
Box clamp





13.21.8.230.S000



- 1 CO (SPDT) 16 A 250 V AC
- Compatible with BLISS2 smart thermostat
- Heating/cooling systems - direct or solenoid control
- It can be used in dehumidification or forced ventilation systems

Contact specification		
Contact configuration		1 CO (SPDT)
Rated current	A	16
Rated voltage/ Maximum switching voltage	V AC	250
Rated load AC1	VA	3600
Rated load AC15 (230 V AC)	VA	600
Single phase motor rating (230 V AC)	W	500
Nominal lamp rating 230V:		
incandescent/halogen	W	—
fluorescent tubes with electronic ballast	W	—
fluorescent tubes with electromagnetic ballast	W	—
CFL	W	—
LED 230 V	W	—
LV halogen or LED with electronic ballast	W	—
LV halogen or LED with electromagnetic ballast	W	—
Supply specification		
Nominal voltage (U_N)	V AC (50/60 Hz)	110…230
	V DC	—
Rated power AC/DC	V A (50 Hz)/W	2.8 / 0.8
Operating range	AC (50 Hz)	$(0.8…1.1)U_N$
	DC	—
Technical data		
Electrical life at rated load in AC1	cycles	$50 \cdot 10^3$
Maximum impulse duration		—
Dielectric strength between: open contacts	V AC	1000
Ambient temperature range	°C	–10…+50
Protection category		IP 20
Approvals (according to type)		CE UK CA

Ordering information

Example: radio frequency remote actuator.

										A	B	C	D	
1	3	.	2	1	.	8	.	2	3	0	. S	0	0	0

Series

Type
2 = Wall box mounting

No. of poles
1 = 1 pole 16 A

Supply version
8 = AC (50/60 Hz)

Supply voltage
230 = 110…230 V AC

A: Transmission protocol
S = 868 MHz,
compatible with BLISS2

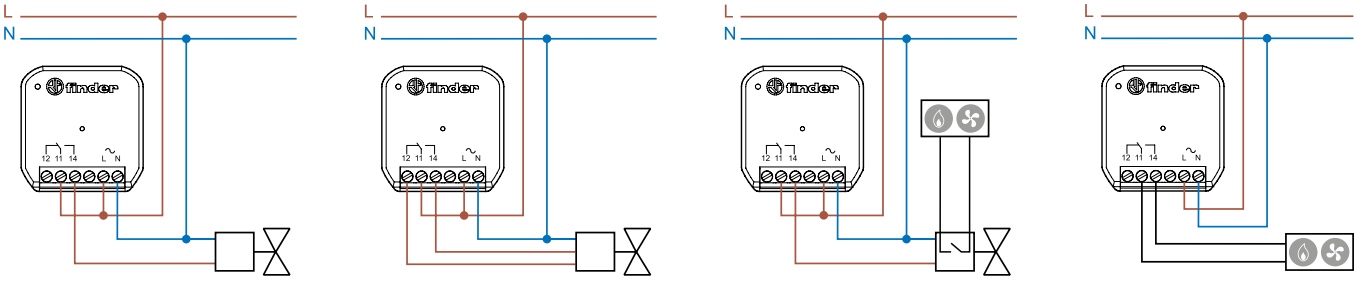
A: Contacts material
0 = Standard

B: Contact circuit
0 = Standard

Codes / Supply voltage
13.21.8.230.S000 110…230 V AC BLISS2

Wiring diagrams

Type 13.21.8.230.S000
Solenoid valve with 2, 3 and 4 wires or direct connection



2 wires | 3 wires | 4 wires | Heating/cooling

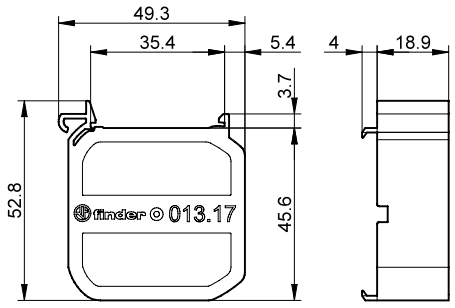
Example of connection with a 230 V AC solenoid valve, always refer to the technical characteristics of the solenoid valve.

Accessories



013.17

Adapter for DIN rail, to install devices 13.21 in the electrical panel.	013.17



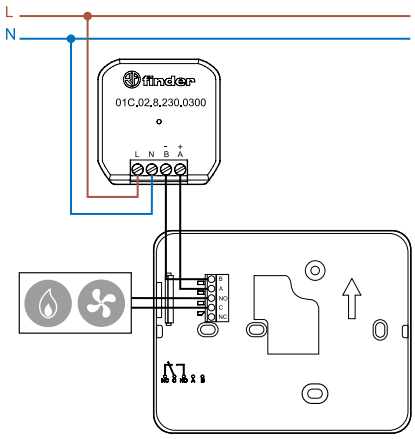
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Wi-Fi Chronothermostat

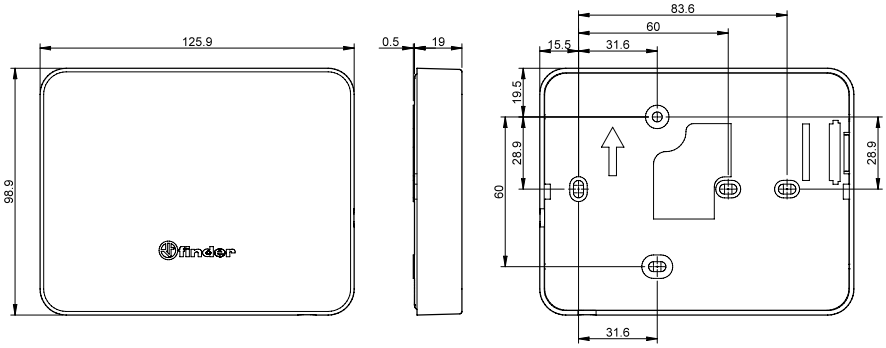
- Remote management via the app (Android or iOS)
- Manual, or guided app programming
- Stunning design
- Touch keys
- 4 batteries 1.5 V AA
- Summer/winter function
- PIN lock padlock function
- Setting 5…37°C
- Contact rating 5 A 250 V AC

1C.91 BLISS Wi-Fi





Wiring diagram



Colour	Weekly Chronothermostat
White	1C.91.9.003.0W07
Technical features	
Sensing element	NTC
Supply	4 batteries 1.5 V AA
Contact configuration	1 CO (SPDT)
Contact rating	5 A/250 V AC
Display range	0…+50 °C
Temperature setting range	+5…+37 °C
Temperature differential	0.2 °C settable by app
Temperature rate of change	—
Nighttime set-back	—
Independently set temperature levels	from 5…37 °C
Thermostat lock	3 digit PIN
Protection category	IP 20
Mounting	Surface
Temperature resolution	0.1 °C
Accuracy at +20 °C	+/–0.5 °C
Frost Protection	+5 °C
Weekly/Daily	Weekly
Minimum programming interval	1 hour
Energy saving function	Geolocation
Push-buttons	Touch keys
Supervisory control	NO
Back-light display	YES
Communications	Wi-Fi
App programming	YES
Approvals (according to type)	CE UKCA EAC

Programming mode with Wi-Fi

Remote control

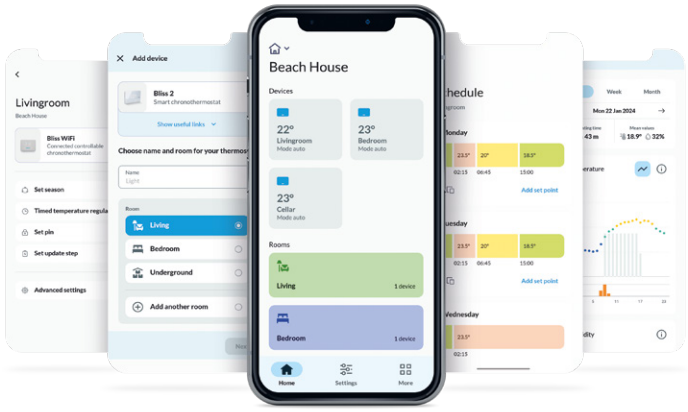
The Finder YOU app allows you to manage your BLISS Wi-Fi chronothermostat wherever you are.
Connecting your BLISS Wi-Fi to the home network you can:
- decide to change the set temperature at any time
- activate the **AUTOAWAY** function to save energy automatically when you leave home
- create your favorite weekly or daily programs
- manage all your chronothermostats in your home or in different homes
- share you **BLISS** settings with other users

New app for quick and easy programming

YOU

AVAILABLE ON

GET IT ON Google Play Download on the App Store



Touch keys

Turn on the display using the "Finder" button

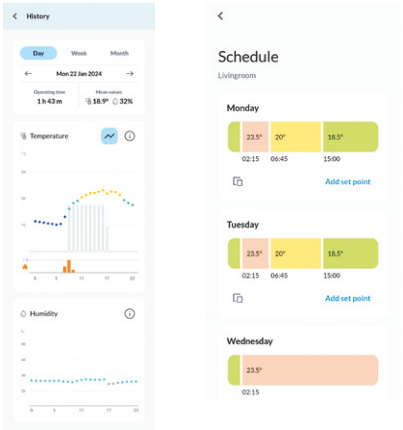


Adjustment



Statistics and Reporting

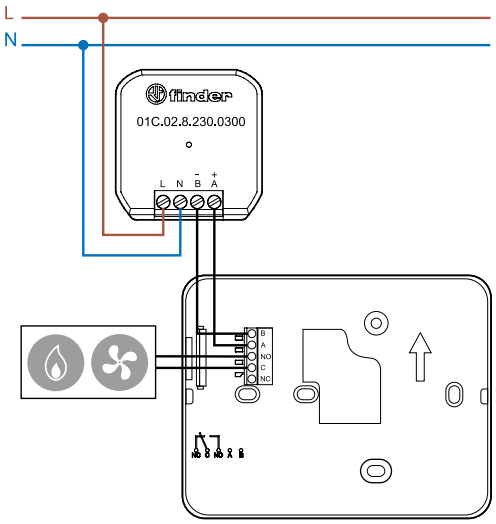
Manage the consumption history over a selected period. Optimize the heating by monitoring the boiler switch-on times for greater energy savings.



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Type 01C.02.8.230.0300
Power supply for chronothermostat BLISS Wi-Fi

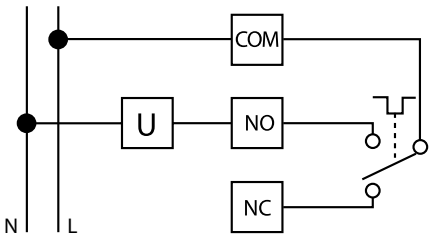
- Rated power: 2 W
- Nominal voltage:110…230 V AC
- Output voltage: 3.3 V DC
- Ambient temperature range: 0…40 °C
- Maximum cable length between power supply and chronothermostat BLISS Wi-Fi: 10 m (2 x 1.5 mm^2 flexible cable)

Within the application, in the "Update time" section, Level 4 (fast connection) can be set.

When using the chronothermostat with the external power supply, the batteries MUST be removed.

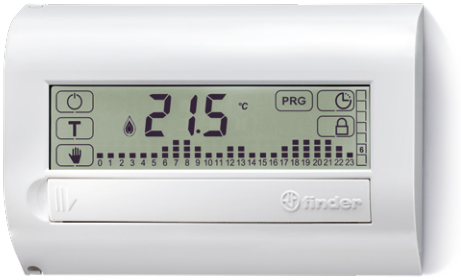
Digital touch basic room chronothermostat

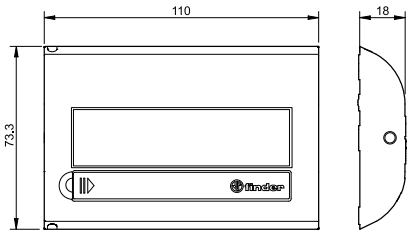
- Touch display with guided programming
- Ultra-compact design
- 3 programmable temperature levels
- Functions: party program, recalibration of displayed temperature, manual timed with calendar setting, frost protection, pump anti-seizure and calibration functions
- Summer/Winter switch
- Simple touch screen blocking or full 3-digit PIN lock
- Calendar with automatic leap year & daylight-saving updates
- Surface mounting over 3 module wall box (eg. type 503)

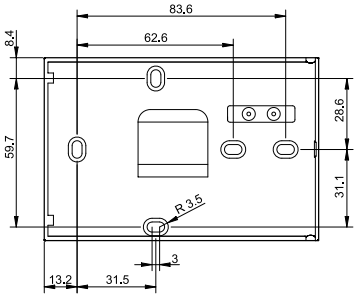


Wiring diagram

1C.71







Colour	Weekly Program
White	1C.71.9.003.0007
Anthracite gray	1C.71.9.003.2007
Technical features	
Sensing element	NTC
Supply	2 batteries 1.5 V AAA
Contact configuration	1 CO (SPDT)
Contact rating	5 A/250 V AC
Display range	0…+50 °C
Temperature setting range	+5…+37 °C
Temperature differential	0.1…0.9 °C
Temperature rate of change	—
Nighttime set-back	—
Independently set temperature levels	3
Thermostat lock	Basic or 3 digit PIN
Protection category	IP 20
Mounting	Surface
Temperature resolution	0.1 °C
Accuracy at +20 °C	+/–0.5 °C
Frost Protection	+2…+8 °C
Weekly/Daily	Weekly
Minimum programming interval	1 hour
Energy saving function	—
Push-buttons	Touch screen
Supervisory control	NO
Back-light display	NO
Communications	—
App programming	—
Approvals (according to type)	CE UK CA EAC

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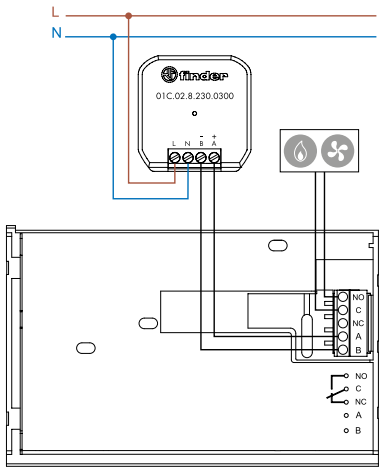
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Digital "chrono slide" chronothermostat

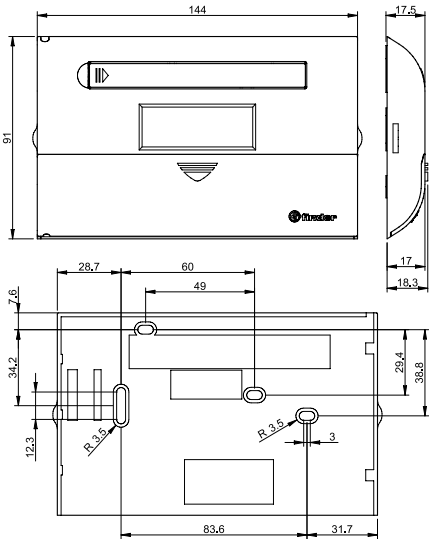
- Simple and intuitive LCD display
- Chronothermostat "chrono slide" ultra-thin 17 mm only with wide display
- Easy to use
- Summer/Winter switch
- 24 point for temperature setting
- Display lock
- Optional 230 V AC power supply
- New icons
- Surface mounting over 3 module wall box (eg. type 503)

1C.61





Wiring diagram



Colour	Daily chronothermostat
White RAL 9010	1C.61.9.003.0101
Technical features	
Sensing element	NTC
Supply	2 batteries 1.5 V AAA or via external power supply Type 01C.02.8.230.0300
Contact configuration	1 CO (SPDT)
Contact rating	5 A/250 V AC
Display range	0…+50 °C
Temperature setting range	+5…+29.5 °C (with sliders: **winter** +15…+26 °C/**summer** +18…+29.5 °C)
Temperature differential	0.3 °C
Temperature rate of change	—
Nighttime set-back	—
Independently set temperature levels	Sliders
Thermostat lock	Key combination
Protection category	IP 20
Mounting	Surface
Temperature resolution	1 °C
Accuracy at +20 °C	+/–0.5 °C
Frost Protection	5 °C
Weekly/Daily	Daily
Minimum programming interval	0.5 °C
Energy saving function	—
Push-buttons	Engraved touch buttons
Supervisory control	NO
Back-light display	NO
Communications	—
App programming	—
Approvals (according to type)	CE UK CA EAC