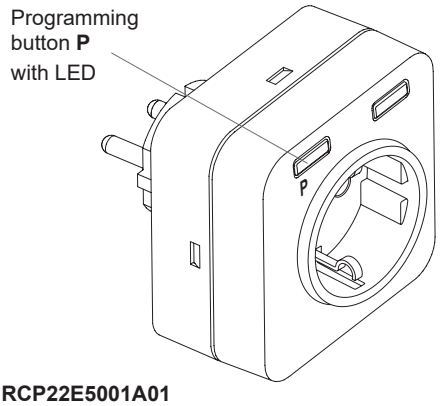
EN RCP22 Plug-in socket receiver heating

Model



RCP22E5001A01

Technical data

Frequency:	868.30 MHz
Modulation:	FSK
Coding:	Easywave
Power supply:	230 V AC, 50 Hz
Output:	1 potential-loaded relay contact (N.O.)
Power consumption:	0.2 W standby 0.7 W switched relay (without load)
Max. contact load:	16 A
Operating temperature:	-10 °C to +35 °C
Dimensions (W/L/H):	71.4 / 71.4 / 75.5 mm
Weight:	120 g

Scope of delivery

Plug-in socket receiver RCP22,
operating instructions

Intended use

The plug-in socket receiver may only be used to control the ambient temperature via radio in connection with heating systems or heating controls (e. g. valves, thermostatic heads) via mains-powered socket. The device may only be used indoors.

The manufacturer shall not be liable for any damage caused by improper or non-intended use!

Safety instructions

Please read the operating instructions carefully before using the device!

- We will not accept any liability for personal injury or damage to property caused by failure to observe the operating instructions and in particular the safety advice!
- Observe current laws, standards and regulations as well as the manufacturer's instructions for the devices to be controlled!
- Pay attention to the maximum contact load (see section "Technical data")!
- Do not plug one plug-in socket receiver into another.
- The plug-in socket receiver is only de-energized when it is disconnected from the mains supply.
- The plug-in socket receiver must be easily accessible.
- Have faulty devices checked by the manufacturer!
- Do not open the device housing!
- Do not modify the devices!

Function

The RCP22 is a plug-in socket receiver for indoor use. It receives signals from the temperature sensor ST01 and from window contacts RTS16/RTS26 (OFF/ON version only) via Easywave radiograms.

Depending on detected deviations from the set-point, the socket outlet of the RCP22 is switched on or off accordingly.

If there are window contacts programmed into the RCP22 and a window is opened, the heating will be turned off. The heating will be turned on again and controlled normally, when all windows are closed or after 30 minutes.

Start-up

1. Plug the receiver into a properly functioning earthed outlet.

Make sure there is no interference with the wireless connection. Do not mount the device in a distribution box, in metal casings, in direct proximity to large metal objects, on the floor or close to it!

2. Program the transmitter (see section "Program transmitter codes").

Program transmitter codes

The temperature sensor ST01 controls the RCP22. Only one ST01 can be programmed in at a time. All commands received from the ST01 are reset during programming

Program the temperature sensor ST01

It is not possible to program more than one ST01 into the RCP22.

1. Press the button **P** on the RCP22 briefly (< 1.6 s).
   → the **programming mode** is activated for approx. 30 s
   → the LED blinks slowly
2. Send a telegram via the temperature sensor ST01 by pressing the + button.
   → the LED on the RCP22 lights up for 2 s, and the receiver returns to operating mode.

Note! If you try to program a second ST01 into the RCP22, the already programmed ST01 will be overwritten.

To cancel programming, press the programming button **P** twice, the receiver returns to operating mode.

Program window contact RTS16/RTS26

A total of 16 window contacts can be programmed.

1. Press the button **P** on the RCP22 briefly (< 1.6 s).
   → the **programming mode** is activated for approx. 30 s
   → the LED blinks slowly
2. Press the button **P** on the RCP22 again briefly (< 1.6 s).
   → the LED blinks twice cyclically
3. Open or close the window with the RTS16/RTS26 being mounted.
   → the LED on the RCP22 lights up for 2 s, the transmitter code has been programmed and the RCP22 returns to operating mode.

Note: The temperature sensor should be deactivated while programming a RTS16/RTS26. If the LED flickers for about 2 seconds during programming, the transmission code is already programmed. The receiver stays in programming mode for 30 seconds.

If the LED flickers for about 4 seconds during programming, all 16 memory slots are occupied. The receiver switches to operating mode. In this case, a programmed code must be deleted, before another transmission code can be programmed.

If you want to cancel the programming, press the programming button **P** once, the receiver switches to operating mode.

After a power failure, the transmission codes do not need to be reprogrammed.

Delete specific transmission codes

1. Hold down the button **P** until the LED flashes rapidly.
   → RCP22 is for approx. 30 s in the delete mode.
2. Send the code to be deleted (open or close window). The LED will light up for 2 seconds and the code is deleted from the memory.
   → RCP22 automatically returns to operation mode.

Note: If the LED flashes during delete mode very rapidly for approx. 2 seconds, the code to be deleted is not programmed. The receiver remains for approx. 30 seconds in the delete mode.

Delete all transmission codes (Reset)

1. Hold down the button **P** until the LED flashes rapidly.
   → RCP22 is for approx. 30 seconds in the delete mode.
2. Hold down the button **P** again until the LED lights up for approx. 4 seconds, all programmed codes (ST01/RTS16/RTS26) will be deleted and the receiver returns to operating mode.

Note: Canceling the delete operations is possible at any time, by pressing the button P briefly or you can wait approx. 30 seconds, until the receiver returns to the operating mode automatically.

Emergency operation

If the RCP22 does not receive at least one valid telegram from the ST01 sensor within 10 hours, the LED starts to flicker. The output alternately switches ON for 3 minutes and OFF for 7 minutes until a valid telegram is received again. A valid telegram (current switching value) can be sent immediately by pressing the F button on the ST01. Emergency operation can also be reset by interrupting the power supply of the RCP22.

Disposal

Waste electronic equipment must not be disposed of with household waste!

Dispose of the waste product via collection facilities for electronic scrap or via your specialist dealer.

Dispose of packaging material in the recycling bins for cardboard, paper and plastic.

Warranty

Within the statutory warranty period we undertake to rectify free of charge by repair or replacement any product defects arising from material or production faults. Any unauthorized tampering with, or modifications to, the product shall render this warranty null and void.

Conformity

CE

Hereby, ELDAT EaS GmbH declares that the radio equipment type RCP22 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: www.eldat.de

Customer service

If the device does not work properly despite proper handling or in case of damage, please contact the manufacturer or your retailer.

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