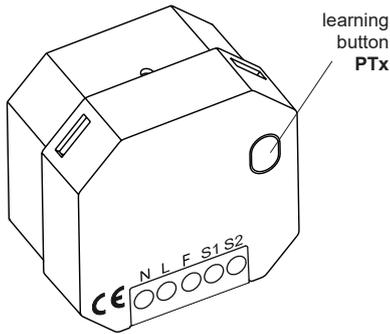


Model



RTS39E5002B01

Technical Details

Frequency:	868.3 MHz
Radiated power:	0.12 mW
Modulation:	FSK
Coding:	Easywave
Power supply:	230 V AC 50 Hz
Current consumption:	50 mA
Power consumption:	max. 0.43 W 0.1 W stand by
Range:	up to 150 m under open field conditions
Operating temperature:	-20 °C to +60 °C
Dimensions:	48/48/25 mm
Weight:	32.0 g

Scope of Delivery

Junction box transmitter, jumper, operating instructions

Intended Use

The Junction Box Transmitter may only be used to operate Easywave radio receivers. The manufacturer shall not be liable for any damage caused by improper or non-intended use.

Safety Advice



Before using the device, carefully read through the operating instructions

Caution! Electrical installation may only be carried out by a qualified electrician!

In the electric power supply circuit to the flush-mounted transmitter is required a suitable, easily accessible disconnecting device (e.g. automatic circuit breaker). Control unobserved never moving equipment or electric heaters. Note also the operating instructions of the radio receiver. Have faulty radio controls checked by the manufacturer! Do not make any unauthorized alterations or modifications to the transmitter!

Function

With the flush-mounted transmitter RTS39, the functionality of existing switches or buttons can be extended by a radio interface. If a voltage is present at a switch or button, the transmitter transmits the corresponding Easywave code (A/B) to an Easywave receiver, which then switches another device. **Caution:** The connection of push-buttons is recommended only for modes with 2-button-operation!

Start-Up

1. Disconnect the electrical circuit and mount the transmitter into a standard junction box. **Attention!** 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. If you want to connect a switch, put the attached jumper between the L and F terminals. Factory, the transmitter is supplied to the push-button operation (jumper not plugged).
3. Connect the power supply wires and switches or buttons in a voltage-free state as shown in the figures 1-3).
4. Put the lid on the junction box. Then turn off the power supply again. Memorize the transmission code in the receivers. Please read the operating instructions supplied with the receivers.

If the switch / button now pressed, the transmitter transmits the appropriate control command to the receiver.

SWITCH (jumper must be set between L+F)

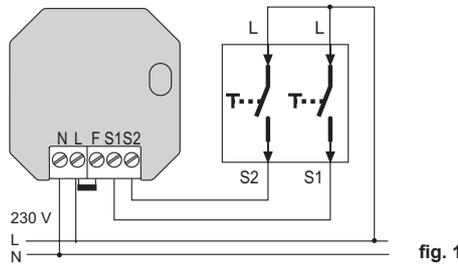


fig. 1

The transmission starts on every change of state of the switch and lasts approx. 0,5 seconds.

- switch 1: input S1**
close switch: --> code **A1**
open switch: --> code **B1**
- switch 2: input S2**
close switch: --> code **A2**
open switch: --> code **B2**

PUSH-BUTTON (no jumper between L+F)

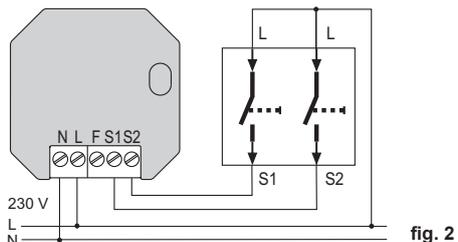


fig. 2

Transmission lasts as long as the button is pressed but max. 36 seconds.

push-button 1: input S1 --> code A1
push-button 2: input S2 --> code B1

SHUTTER-CONTROL (no jumper between L+F)

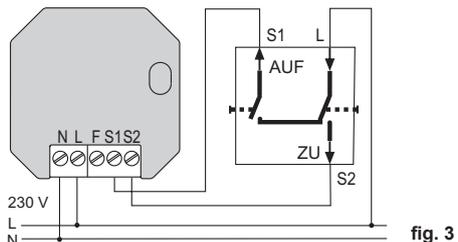


fig. 3

Transmission lasts as long as the button is pressed but max. 36 seconds.

push-button 1: input S1 --> Code A1
push-button 2: input S2 --> Code B1

Programming transmitter

The RTS39 is programmed into the Easywave receiver by sending the desired transmission code (A1 / A2 / B1 / B2). To do this, press a connected push-button or switch during the according step of the learning procedure. For more information about the learning process, read the operating instructions of the respective receiver.

Remote Learning

The RTS39 has a remote learning function. With this function a built-in receiver can be brought into learning mode or delete mode wirelessly. If a receiver supports this feature, please refer to its user manual. Note that connected switching elements must be open and a push-button must be connected necessarily. When the connected button is pressed, remote learning telegrams are transmitted in the remote learning function. The jumper is used only for selection of the code for the remote learning function, according to the following scheme:

without jumper	with jumper
S1 --> code A1	S1 --> code A1
S2 --> code B1	S2 --> code A2

For details on the remote learning function, refer to the operating instructions of compatible receivers.

Disposal

Waste electrical products and batteries not be disposed of with household waste!

Dispose of the waste product via a collection point for electronic scrap or via your specialist dealer. Put the packaging material into the recycling bins for cardboard, paper and plastics.



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



Hereby, ELDAT EaS GmbH declares that the radio equipment type RTS39 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

Service

If, despite correct handling, faults or malfunctions occur or if the product was damaged, please contact your retailer or the manufacturer:

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