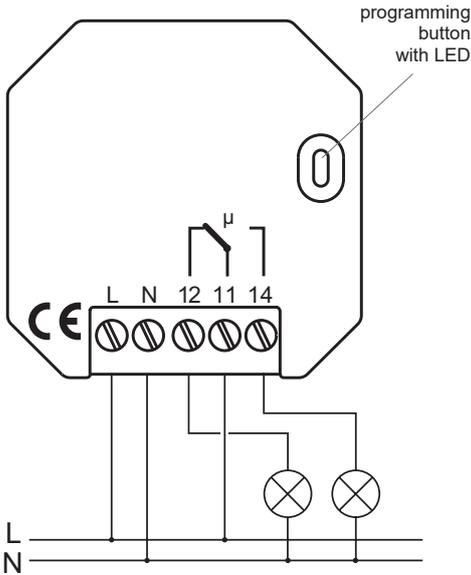


Model



RCJ16E5001-01 1-channel 868.30 MHz

Technical Data

Frequency:	868.30 MHz
Modulation:	FSK
Coding:	Easywave
Power supply:	230 V AC / 50 Hz
Current consumption:	0.25 W stand by 0.8 W load
Max. contact rating:	see Table of loads
Output:	1 potential-free relay contact (SPDT)
Operating temperature:	-20 °C to +60 °C
Dimension (w/l/h):	48/48/25 mm

Table of Loads

Type of Load	max. load
Resistive Load: Light bulbs, 230 V Halogen lamps etc	10 A / 2,300 VA
Inductive Load: Halogen lamps with wound transformers (transformer at least 85% loaded) Non-compensated or series-compensated fluorescent lamps with ferromagnetic ballasts Parallel-compensated fluorescent lamps with ferromagnetic ballasts	3 A / 690 VA
Capacity EB: electronic ballasts, electronic transformers etc.	6 A / 1,380 VA

Scope of Delivery

Junction box receiver RCJ16, operating instructions

Intended Use

This unit may only be used as an Easywave Junction Box Receiver together with low-powered or mains-powered devices!
The manufacturer shall not be liable for any damage caused by improper or non-intended use.

Safety Advice

Carefully read through these instructions before connecting and operating the unit!
Caution! Electrical installation may only be carried out by a qualified electrician!
Observe the applicable laws, standards and regulations as well as the manufacturer's instructions for the devices to be operated!
Note the maximum load (see Table of Loads)!
Have faulty units checked by the manufacturer!
Do not make any unauthorized alterations or modifications to the unit!
The relay contact is suitable for a potential-free power supply in compliance with EN 60664.

Function

The Junction Box Receiver is designed for switching low-powered or mains-powered devices.
A total of 32 different Easywave transmission codes can be learned.
All learned transmission codes are linked by an AND / OR logic as follows:

- AND-relationship**
Have all learned transmitters sent a telegram B (OFF), the relay switches off. (contact 11 and 12)
- OR-relationship**
Sends one of the learned transmitters telegram A (ON), the relay switches on. (contact 11 and 14).

Operating Mode

AND/OR 2-button operation
transmitter code A/B or C/D

Start-up

- Mount the receiver in accordance with the on-site conditions. The receiver fits into almost every junction box.
Caution: 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.
- Connect the power supply and the device to be switched.
Observe the applicable electrical regulations!
After connecting the receiver is in the operating mode. The LED is off.
- Transfer the codes of the transmitters to the receiver (see chapter „Programming the transmission codes“).

Note: The receiver cannot be programmed with the learn button PTx of the Easywave radio transmitter.

Programming the transmission codes

- In the "Programming the transmission codes" mode you can transfer the codes of your transmitter buttons (A/B/C/D) to the receiver.
- Briefly (< 1.6 sec) press the programming button. The receiver is for approx. 30 sec in the learning mode, the LED flashes.
 - Press and hold the transmitter button A or C. If the code has been memorized, the LED lights up and the receiver is going in the operating mode. The code of the corresponding trans-

- mitter button (B/D) will be assigned automatically.
3. Repeat step 1 and step 2 to learn in other transmitters.

Note: If the LED flashes very rapidly for approx. 2 sec, the code is already programmed.
If the LED flashes rapidly for approx. 4 sec, all 32 memory locations are occupied.

Deleting specific transmission codes

- Press the programming button more than 1.6 sec. The LED flashes rapidly. The receiver is for approx. 30 sec in the erase mode.
- Press the selected transmitter button. When the code has been deleted, the LED lights up and the receiver enters the operating mode. The code of the corresponding button is also deleted.

Deleting all transmission codes (Reset)

- Press the programming button more than 1.6 sec. The LED flashes rapidly. The receiver is for approx. 30 sec in the erase mode.
- Press the programming button for more than 1.6 sec again. If the memory has been deleted completely, the LED lights up and the receiver enters the operating mode.

Note: Canceling the learning operation and all delete operations are possible by pressing the programming button briefly or you can wait approx. 30 sec, until the receiver is switched to the operating mode.

Disposal

Waste electrical products may not be disposed of with household waste!

Dispose 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 RCJ16 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.

ELDAT EaS GmbH
Schmiedestraße 2
15745 Wildau
Germany
Phone: + 49 (0) 33 75 / 90 37-310
Telefax: + 49 (0) 33 75 / 90 37-90
Internet: www.eldat.de
E-mail: info@eldat.de