

Radio receiver

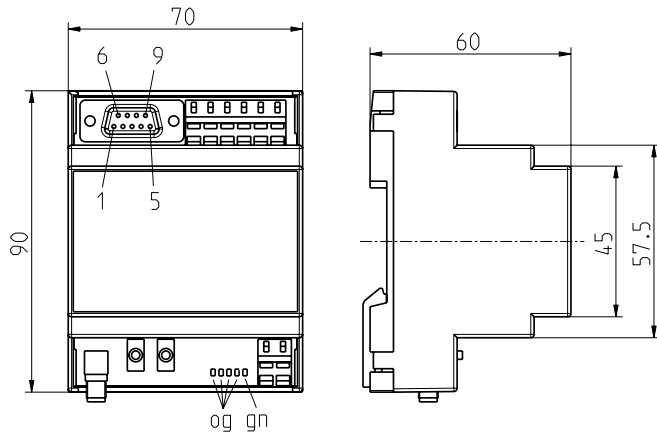
// RF Rx EN868-2W-RS232 Order no.: 90590008

Features/Options

- EnOcean-standard
- 2-channel: potential-free relay outputs
- 2 change-over contacts, max. 10 A
- RS 232 interface

- Transmitter/receiver assignment by teaching mode
- LEDs for indication of switching state
- SMA plug-in connector for external antenna

Dimensions



Pinbelegung - Pin assignment
9-pol SUB-D:

1-NC	2-TxD	3-RxD	4-NC	5-GND
6-NC	7-NC	8-NC	9-NC	

Arrangement of receiver and switch antenna



Optimum
mounting

Possible
mounting

Unsuitable
mounting

Note

The antenna must be mounted on a metal plate of min. 250 x 250 mm size.

Technical Data

Standards

EN 60947-5-1; EN 61000-6-2;
EN 61000-6-3; EN 60068-2-6;
EN 60068-2-27; EN 301 489-1;
EN 301 489-3;
EN 300 220-3 RS 232:
ANSI/EIA/TIA-232-F-1997

Number of channels

2

Mounting

DIN rail mounting

Screw terminals

terminals with CAGE CLAMP
WAGO Series 236:
0.08 ... 2.5 mm²
AWG 28-14

Degree of protection

(incl. conductor ferrules)

Inputs

IP 20 per IEC/EN 60529
2 radio channels, max. 10
transmitters
per channel

Outputs

2 change-over contacts (relay)

Operating current I_e

max. 0,25A AC, 0,1A DC

Operating voltage U_e

24 V AC/DC -15% ... +10%

I_e/U_e of output contacts

6A / 250 VAC; 2A / 24 VDC

Utilisation category

AC-15; DC-13

U_i

250 VAC

U_{imp}

2,5 kV

Frequency

868.3 MHz

Display

green LED: operating voltage,
yellow LED: switching conditions +

Switching frequency

yellow LED: Baudrate alignment
approx. 9000 telegrams at
repetitions/h

Degree of pollution

2 per DIN VDE 0110

Ambient temperature

0 °C ... +55 °C

Storage and transport temperature

-25 °C ... +85 °C

Vibration resistance

NO 20g, NC 5g

Shock resistance

max. 100g

Interface

Baudrate

9600 Bd to 57600 Bd

Databits

8

Stopbit

1

Parity

None

Flow control

None

External antenna

always required for optimum
sensing range

Note

Inductive loads (contactors, relays
etc.) are to be suppressed by
suitable circuitry.

Errors and omissions excepted.