



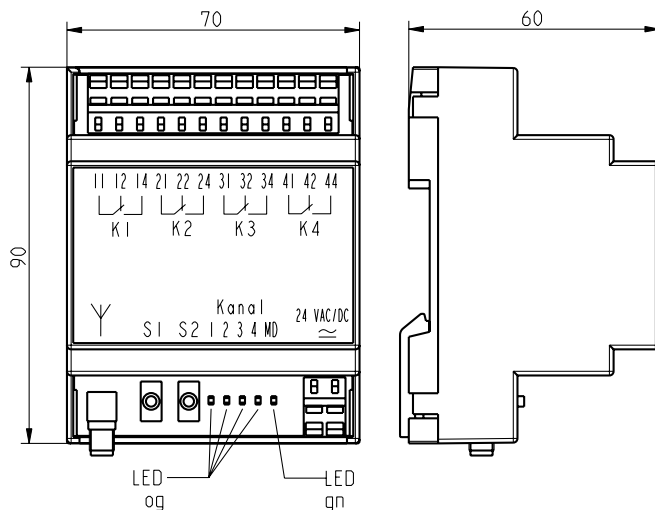
Wireless receivers and repeaters // RF Rx EN868-4W Order no.: 90590006

Features/Options

- EnOcean-standard
- 4-channel: potential-free relay outputs
- 4 change-over contacts, max. 10 A

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

Dimensions



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 300 220-2
4

Number of channels

DIN rail mounting

Mounting

Connection

terminals with CAGE CLAMP
WAGO Series 236:

0.08 ... 2.5 mm²

AWG 28-14

(incl. conductor ferrules)

Degree of protection

IP 20 per IEC/EN 60529

Inputs

4 radio channels, max. 10

transmitters

per channel

4 change-over contacts (relay)

max. 0.25A AC; 0.1A DC

Outputs

Rated operating

current I_e

Rated operating

voltage U_e

I_e/U_e of output contacts

Utilisation category

U_i

U_{imp}

Frequency

Display

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

6A / 250 VAC; 2A / 24 VDC

AC-15; DC-13

250 VAC

2.5 kV

868.3 MHz

green LED: operating voltage,
yellow LED: switching conditions

approx. 9000 telegrams at
repetitions/h

Switching frequency

Degree of pollution

Ambient temperature

Storage and transport

temperature

Vibration resistance

Shock resistance

External antenna

2 per DIN VDE 0110

0°C ... +55°C

-25°C ... +85°C

NO 20g, NC 5g

max. 100g

always required for optimum
sensing range

Note

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

Approvals



Errors and omissions excepted.

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.