

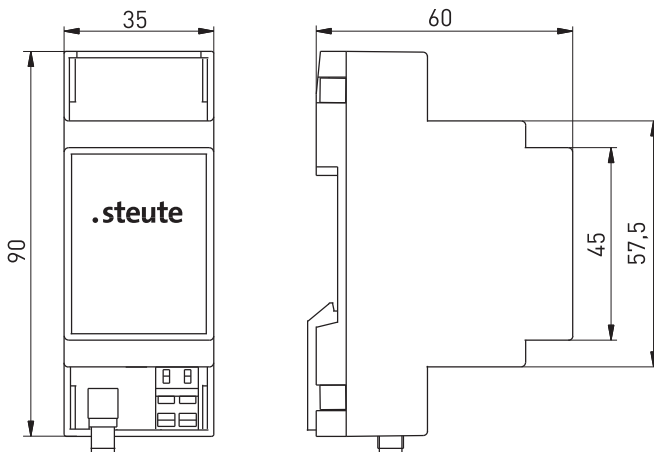
Radio repeater

// RF RxT EN868-1K Order no.: 90590004

Features/Options

- EnOcean standard
- LEDs for telegram confirmation
- SMA plug-in connector for external antenna

Dimensions



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 60068-2-6; EN 60068-2-27;
EN 301 489-1; EN 301 489-3;
EN 300 220-3

Mounting

DIN rail mounting

Screw terminals

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

Degree of protection

(incl. conductor ferrules)

Operating voltage U_e

IP 20 per IEC/EN 60529

Operating current I_e

24 VDC -15% ... +10%

Frequency

max. 0.08 A DC

Display

868.3 MHz
green LED: operating voltage,
orange LED: Telegram
confirmation

Switching frequency

approx. 9000 telegrams at
repetitions/h

Degree of pollution

2 per DIN VDE 0110

Ambient temperature

0°C ... +55°C

Storage and shipping temperature

-25°C ... +85°C

Vibration resistance

NO 20g; NC 5g

shock resistance

max. 100g

External antenna

always required for optimum
sensing range

Errors and omissions excepted.