



Wireless receivers with relay outputs

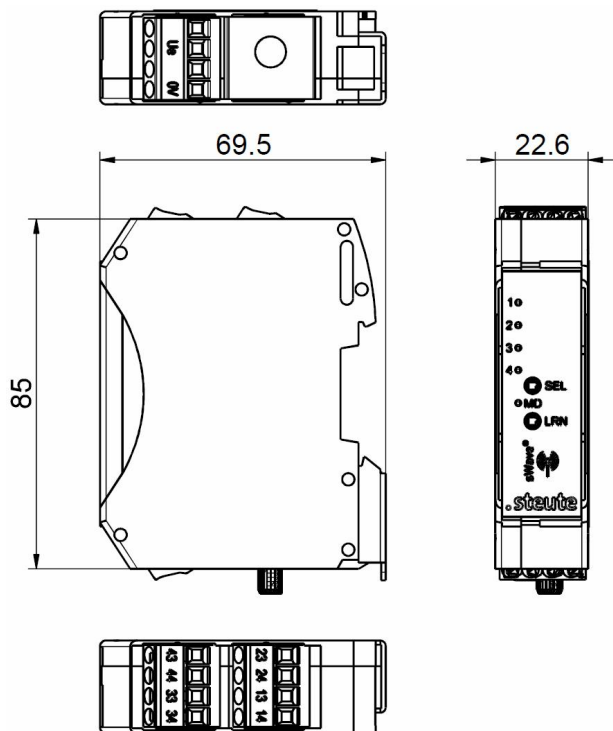
RF Rx SW868-4S 24 VDC

Material number: 1357703

Features/Options

- sWave® wireless technology
- 4-channel: potential-free relay outputs
- 4 NO contacts, max. 3 A
- Transmitter/receiver assignment by teaching mode
- Monitoring: Battery supply / Status Signal possible
- LEDs for indication of switching state
- 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 61000-6-3; EN 60068-2-6; EN 60068-2-27; EN 301 489-1; EN 301 489-3; EN 300 220-2; EN 300 220-3
Number of channels	4
Mounting	DIN rail mounting
Connexion	terminal 0.14 mm ² - 2.5 mm ² stripping length 8 mm
Degree of protection	IP 20 to IEC/EN 60529
Inputs	4 wireless channels, max. 40 transmitters
Outputs	4 NO contacts (relays)
Rated operating current I_e	24 VDC: max. 0.1 A
Rated operating voltage U_e	24 VDC -15 % ... +10 %
I_e/U_e of output contacts	3 A/250 VAC/24 VDC
Utilisation category	AC-15; DC-13
U_i	250 VAC
U_{imp}	2.5 kV
Frequency	868.3 MHz
Display	green LED: supply voltage orange LED: switching conditions
Switching frequency	approx. 12000 telegrams at repetitions/h
Degree of pollution	2 to DIN VDE 0110
Ambient temperature	0 °C ... +55 °C
Storage and shipping temperature	-25 °C ... +85 °C
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.