



## Wireless receiver RF Rx SW868-2W-RS232 24 VAC/DC Material number: 1226183

### Features/Options:

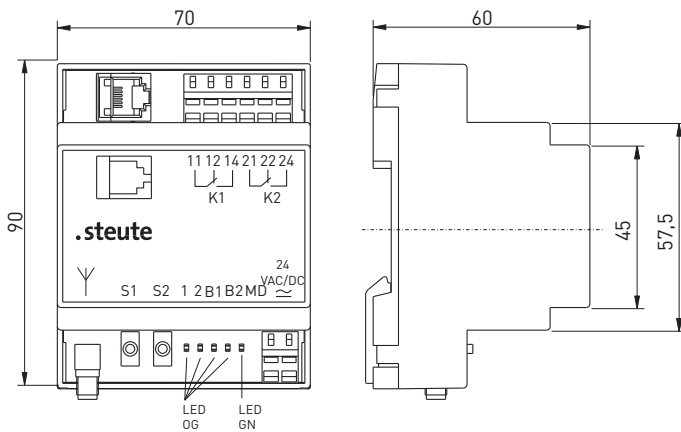
- sWave® wireless technology
- 2 potential-free relay outputs
- 2 change-over contacts, max. 6 A
- RS 232 interface

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

### Notes

- Adapter cable RJ11 on Sub-D 9-pol female 0,5m is included
- External antenna always required for optimum wireless range

### Dimensions



### Technical data

Applied standards	EN 60947-5-1, EN 61000-6-2, EN 61000-6-3, EN 61000-4-2, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 60068-2-6, EN 60068-2-27, EN 301 489-1, EN 301 489-3, EN 300 220-1, EN 300 220-2
Degree of protection	IP 20 to IEC/EN 60529
Frequency	868.3 MHz (Europe, China)
Number of channels	2
Mounting	DIN rail mounting
Connection	terminals with CAGE CLAMP WAGO Series 236: 0.08 ... 2.5 mm <sup>2</sup> / AWG 28-12, AWG 12: THHN, THWN, stripping length 5 ... 6 mm / 0.22 in
Inputs	2 wireless channels, max. 10 transmitters per channel
Outputs	2 change-over contacts (relays), RS 232 interface
Rated operating current/voltage $I_e/U_e$	max. 0.1 A/24 VDC -15 % ... +10 %; max. 0.25 A/24 VAC -15 % ... +10 %; output contacts: 6 A/250 VAC; 2 A/24 VDC
Utilisation category	AC-15; DC-13
Rated insulation voltage $U_i$	250 VAC
Rated impulse withstand voltage $U_{imp}$	2.5 kV
Display	green LED: ready for operation, orange LEDs: signalling of switching state and baud rate setting

Errors and omissions excepted.



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## Technical data

Operation cycles	max. 12000 telegrams with repetitions/h
Degree of pollution	2
Ambient temperature	0 °C ... +55 °C
Storage and shipping temperature	-25 °C ... +85 °C
Interface	RS232
Data bits	8
Stop bit	1
Parity	None
Flow control	None
Note	Inductive loads (contactors, relays etc.) are to be suppressed by suitable circuitry.
Wireless approvals	Europe: RED 2014/53/EU
Weight	164 g

## Arrangement of receiver and switch antenna



A = Optimum mounting  
B = Possible mounting  
C = Unsuitable mounting