



## Wireless receiver RF Rx SW915-2W-RS232 24 VAC/DC Material number: 1226339

### Features/Options:

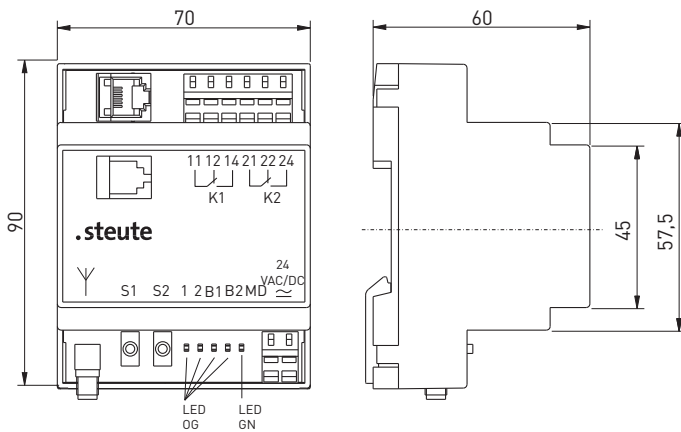
- sWave® wireless technology
- 2 potential-free relay outputs
- 2 change-over contacts, max. 6 A
- RS 232 interface

### Notes

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

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

### Dimensions



### Technical data

Applied standards	EN 60947-5-1; EN 61000-6-2, -6-3, -4-2, -4-20, EN 61000-4-4, -4-5, -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
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
Degree of protection	IP 20 to IEC/EN 60529
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 operating isolation voltage $U_i$	250 VAC
Rated impulse withstand voltage $U_{imp}$	2.5 kV
Frequency	915 MHz (USA, Canada and Mexico)
Channel bandwidth	550 kHz

Errors and omissions excepted.



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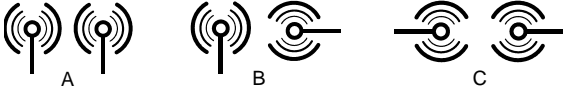
Display	green LED: ready for operation, orange LEDs: signalling of switching state and baud rate setting
Operation cycles	approx. 12000 telegrams with repetitions/h
Degree of pollution	2
Ambient temperature	0 °C ... +55 °C
Storage and shipping temperature	-25 °C ... +85 °C
Interface	RS232
Baudrate	9600 Bd ... 57600 Bd
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	USA: FCC Part 15.247: XK5-RF Rx SW915; Canada: IC RSS-210: 5158A-RF Rx SW 915; Mexico: IFT - RCPSTRF17-1886





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Arrangement of receiver and switch antenna



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

Note  
Magnetic base antennae must be mounted on a metal plate of min. 250 x 250 mm size.