



## Wireless receivers with relay outputs RF Rx SW915-2W-RS232

### 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 reverse plug-in connector for external antenna

### Notes

- Adapter cable RJ11 on Sub-D 9-pol female 0,5m is included

### Technical data

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 I <sub>e</sub>	24 VDC: max. 0.1 A; 24 VAC: max. 0.25 A
Rated operating voltage U <sub>e</sub>	24 VAC/DC -15 % ... +10 %
I <sub>e</sub> /U <sub>e</sub> of output contacts	6 A/250 VAC; 2 A/24 VDC
Utilisation category	AC-15; DC-13
U <sub>i</sub>	250 VAC
U <sub>imp</sub>	2.5 kV
Frequency	915 MHz (USA, Canada and Mexico)
Display	green LED: operating state, orange LEDs: switching conditions and baud rate setting
Operation cycles	approx. 12000 telegrams at repetitions/h
Degree of pollution	2 to IEC/EN 60664-1
Ambient temperature	0 °C ... +55 °C
Storage and shipping temperature	-25 °C ... +85 °C

Errors and omissions excepted.



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### Technical data

#### Interface

Baudrate 9600 Bd ... 57600 Bd

Data bits 8

Stop bit 1

Parity None

Flow control None

External antenna always required for optimum wireless range

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

Approvals USA: FCC: XK5-RFRXSW915;  
Canada: IC: 5158A-RFRXSW915  
Mexico: IFT/223/UCS/DG-AUSE/6773/2017



### Ordering details



RF Rx SW915-2W-RS232

Type  
RF Rx SW915-2W-RS232 24 VAC/DC

Material no.  
1226339

### Accessories



RF magnet antenna 5dBi R-SMA plug-in connector straight 3.6 m 9732

Type  
RF magnet antenna 5dBi R-SMA plug-in connector straight 3.6 m

Material no.  
1188987

Errors and omissions excepted.



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### Accessories



RF magnet antenna 2dBi R-SMA plug-in connector straight 2 m 13123

Type  
RF magnet antenna 2dBi R-SMA plug-in connector straight 2 m

Material no.  
1470773



RF R-SMA antenna extension

Type  
RF R-SMA antenna extension 3 m

Material no.  
1410503



Power supply

Type  
Power supply 24V DC

Material no.  
1188751