



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 ² / 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_e	24 VDC: max. 0.1 A; 24 VAC: max. 0.25 A
Rated operating voltage U_e	24 VAC/DC -15 % ... +10 %
I_e/U_e of 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
Display	green LED: operating state, orange LEDs: switching conditions and baud rate setting
Operation cycles	approx. 12000 telegrams with repetitions/h
Degree of pollution	2 to EN 60664-1 (VDE 0110-1)
Ambient temperature	0 °C ... +55 °C

Errors and omissions excepted.



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Storage and shipping temperature	-25 °C ... +85 °C
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 - RCPSTRF17-1886 

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

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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