



Wireless receiver RF Rx - 4S

Features/Options:

- sWave® wireless technology (SW868/SW915/SW917/SW922)
- 4 potential-free relay outputs
- 4 NO contacts, max. 3 A
- Transmitter/receiver assignment by teaching mode
- LEDs for indication of switching state

Notes

- SET: [RF magnet antenna \[1470770\]](#) with 2 m cable is included in delivery

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 | 4 |
| Mounting | DIN rail mounting |
| Connection | screw connection terminals 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 (relay) |
| Rated operating current/voltage I _g /U _g | max. 0.1 A/24 VDC -15 % ... +10 %; output contacts: 3 A/250 VAC; 3 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 | 868.3 MHz (Europe) or 915 MHz (USA, Canada and Mexico) or 917 MHz (Brazil) or 916.5 MHz (Japan) |
| Channel bandwidth | SW868: 480 kHz, SW915/917: 550 kHz, SW922: 520 kHz |
| Display | green LED: ready for operation, orange LED: signalling of switching state |
| Operation cycles | approx. 12000 telegrams with repetitions/h; SW922: max. 1440 telegrams/h |
| Degree of pollution | 2 |
| Ambient temperature | 0 °C ... +55 °C |
| Storage and shipping temperature | -25 °C ... +85 °C |

Errors and omissions excepted.



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Note Inductive loads (contactors, relays etc.) are to be suppressed by suitable circuitry. Switching contacts are not suitable for capacitive loads.

Wireless approvals Europe: RED 2014/53/EU
 USA: FCC Part 15.247: XK5-RF Rx SW915
 Canada: IC RSS-210: 5158A-RF Rx SW 915
 Mexico: IFT - RCPSTRF17-1886
 Brazil: ANATEL 04172-18-06718

Japan:  ARIB STD-T108: 204-610002

Approvals



Ordering details



RF Rx-4S - SET

Type
 RF Rx SW868-4S 24VDC - SET
 RF Rx SW915-4S 24VDC - SET
 RF Rx SW917-4S 24VDC - SET

Material no.
 1373201
 1373187
 1340469



RF Rx-4S

Type
 RF Rx SW868-4S 24VDC
 RF Rx SW915-4S 24VDC
 RF Rx SW917-4S 24VDC
 RF Rx SW922-4S 24VDC

Material no.
 1357703
 1370677
 1353450
 1423277



Power-down-function

Type
 RF Rx SW868-4S 24VDC Power-down-function
 RF Rx SW915-4S 24VDC Power-down-function
 RF Rx SW922-4S 24VDC Power-down-function

Material no.
 1363011
 1393796
 1475189

Errors and omissions excepted.