



## Wireless receivers with relay outputs RF Rx SW868-4S

### Features/Options:

- sWave® wireless technology
- 4 potential-free relay outputs
- 4 NO contacts, max. 3 A
- Transmitter/receiver assignment by teaching mode
- LEDs for indication of switching state
- SMA plug-in connector for external antenna

### Notes

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

### 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	4
Mounting	DIN rail mounting
Connection	screw terminals 0.14 mm <sup>2</sup> - 2,5 mm <sup>2</sup> , 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 I <sub>e</sub>	24 VDC: max. 0.1 A
Rated operating voltage U <sub>e</sub>	24 VDC -15 % ... +10 %
I <sub>e</sub> /U <sub>e</sub> of output contacts	3 A / 250 VAC; 3 A / 24 VDC
Utilisation category	AC-15; DC-13
U <sub>i</sub>	250 VAC
U <sub>imp</sub>	2.5 kV
Frequency	868.3 MHz (EU, Switzerland)
Display	green LED: operating state, orange LED: switching conditions
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
External antenna	always required for optimum wireless range

Errors and omissions excepted.



## Wireless receivers with relay outputs RF Rx SW868-4S

### Technical data

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

### Ordering details



RF Rx SW868-4S - SET

Type  
RF Rx SW868-4S 24VDC - SET

Material no.  
1373201



RF Rx SW868-4S

Type  
RF Rx SW868-4S 24VDC

Material no.  
1357703



Power-down-function

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

Material no.  
1363011

### Accessories



RF magnet antenna 5dBi SMA  
plug-in connector straight 1.5 m  
9728

Type  
RF magnet antenna 5dBi SMA plug-in connector straight 1.5 m

Material no.  
1188958



## Wireless receivers with relay outputs RF Rx SW868-4S

### Accessories



RF magnet antenna 2dBi SMA  
plug-in connector straight 2 m  
13121

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

Material no.  
1470770



RF SMA antenna socket

Type  
RF SMA antenna socket 0.5 m

Material no.  
1185712



RF magnet antenna 5dBi with  
TNC plug-in connector 3.6 m

Type  
RF Magnet antenna 5dBi TNC plug-in connector IP 65 3.6 m

Material no.  
1275629



RF SMA antenna socket with  
TNC plug-in connector

Type  
RF SMA antenna socket 0.5 m with TNC plug-in connector IP 65

Material no.  
1275627



RF SMA antenna extension

Type  
RF SMA antenna extension 3 m  
RF SMA antenna extension 5 m

Material no.  
1186734  
1474698



## Wireless receivers with relay outputs RF Rx SW868-4S

### Accessories



RF High gain antenna 868 MHz  
7739

Type  
RF High gain antenna 868MHz

Material no.  
1187161



RF SMA N antenna extension  
for high gain antenna

Type  
RF SMA N antenna extension 5 m  
RF SMA N antenna extension 10 m

Material no.  
1187162  
1187254



Mounting bracket for high gain  
antenna 10017

Type  
Mounting bracket for high gain antenna

Material no.  
1187183



Power supply

Type  
Power supply 24V DC

Material no.  
1188751