



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 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 I _e	24 VDC: max. 0.1 A
Rated operating voltage U _e	24 VDC -15 % ... +10 %
I _e /U _e of output contacts	3 A / 250 VAC; 3 A / 24 VDC
Utilisation category	AC-15; DC-13
U _i	250 VAC
U _{imp}	2.5 kV
Frequency	868.3 MHz (EU, Switzerland)
Channel bandwidth	480 kHz
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

Errors and omissions excepted.



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External antenna

always required for optimum wireless range

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



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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