Wireless receivers with relay outputs
RF Rx SW915-4S 24VDC
Material number: 1370677

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 reverse plug-in connector for external antenna

Dimensions

Technical data

Standards
EN 60947-5-1; EN 61000-6-2, -6-3,
EN 61000-4-2, -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 mm² - 2,5
mm², 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 Iₑ
24 VDC: max. 0.1 A
24 VDC -15 % ... +10 %

Rated operating voltage Uₑ
3 A / 250 VAC; 3 A / 24 VDC

Utilisation category
AC-15; DC-13

Frequency
915 MHz (USA, Canada and
Australia)

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
sensing range

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

Approvals
USA: FCC: XK5-RFRXSW915;
Canada: IC: 5158A-RFRXSW915

Errors and omissions excepted.

Arrangement of receiver and switch antenna

Optimum mounting Possible mounting Unsuitable mounting

Note
Magnetic base antennae must be mounted on a
metal plate of min. 250 x 250 mm size.