



## Wireless actor with 4 outputs - 48 VDC RF Rx SW915B-NET-4S-A 48V Article no.: on request

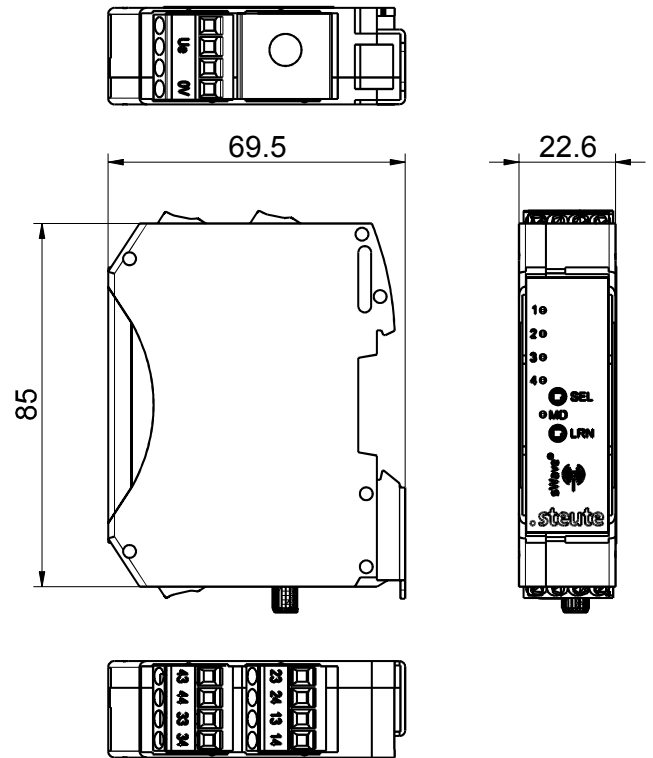
### Product features

- sWave.NET® wireless technology
- 4 potential-free optocoupler outputs
- Simple operation and integration in existing ERP systems via Sensor Bridge
- LEDs for indication of switching state
- Long transmission range (700 m outdoors, approx. 50 m indoors)
- SMA reverse plug-in connector for external antenna

### Notes

- External antenna always required for optimum wireless range.

### Dimensions



### General technical data

#### Applied standards

EN 60947-5-1, EN 61000-6-2, EN 61000-6-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 60068-2-6, EN 60068-2-27, EN 301 489-3, EN 300 220-2

#### Enclosure

polyamide, self-extinguishing UL 94 V-0, RAL 7035

#### Degree of protection

IP20 (IEC/EN 60529)

#### Number of channels

4

#### Mounting

DIN rail mounting

#### Connection

screw connection terminals 0.14 mm<sup>2</sup> - 2,5 mm<sup>2</sup>, stripping length 8 mm

#### Inputs

2 additional push buttons (SEL, LRN)

#### Outputs

4 potential-free normally open contacts (optoelectronic photo relays)

#### Rated operating voltage range $U_B$

12...48 VDC (-10 % ... +25 %, abs. max. 60 V)

#### Rated operating current $I_e$

48 VDC: max. 16 mA

24 VDC: max. 21 mA

#### Current absorption

at 48 VDC:

typ. 1.9 mA (standby current)

typ. 8 mA (1 output switched)

typ. 8 mA (2 outputs switched)

typ. 9 mA (3 outputs switched)

typ. 10 mA (4 outputs switched)

#### Rated operating voltage $U_e$

48 VDC

Errors and omissions excepted.



## Wireless actor with 4 outputs - 48 VDC RF Rx SW915B-NET-4S-A 48V Article no.: on request

### General technical data (contd.)

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**Rated operating current/voltage  $I_e/U_e$**   
output contacts: 0.5 A / 48 VDC (abs. max. 60 V)

**Utilisation category**  
DC-13

**Display**  
green LED: ready for operation,  
orange LED: signalling of switching state

**Telegram rate**  
max. 12000 telegrams with repetitions/h

**Degree of pollution**  
2

**Ambient temperature**  
0 °C ... +55 °C

**Storage and shipping temperature**  
-25 °C ... +85 °C

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

### Wireless technology

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#### General

**Frequency**  
914.2 MHz (USA, Canada)

**Data rate**  
66 kbps

**Channel bandwidth**  
500 kHz

**Modulation type**  
CSS

**Protocol**  
sWave.NET®

**Transmission power**  
< 25 mW

**Wireless approvals**  
USA: FCC - VPYLBA00QB1SJ  
Canada: IC - 772C-LBAA00QB1SJ

#### Function

**Wireless range**  
max. 700 m outdoors, max. 50 m indoors