



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

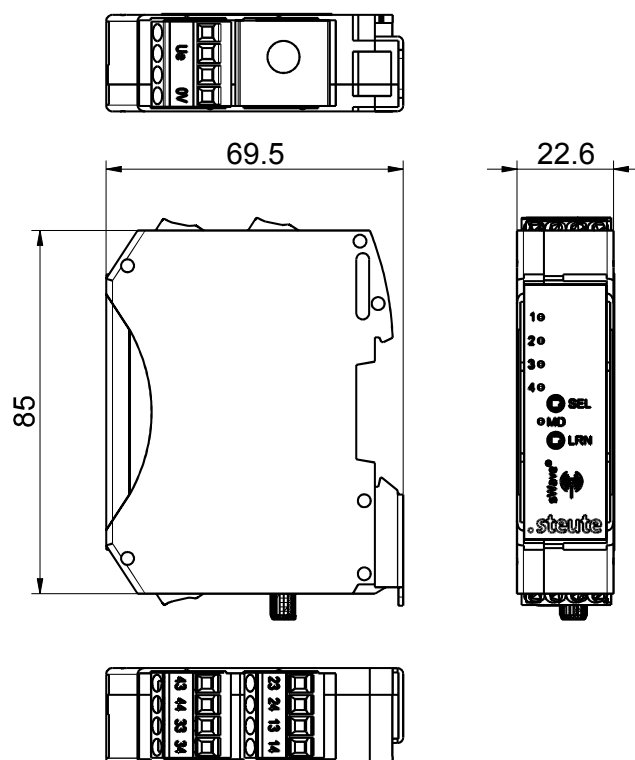
Product features

- 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 mm² - 2,5 mm², 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.



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General technical data (contd.)

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

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 - VPYLBAA0QB1SJ
Canada: IC - 772C-LBAA0QB1SJ

Function

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