



Wireless actor with 4 outputs - 48 VDC RF Rx SW868-NET-4S-A 48V Article no.: 1479040

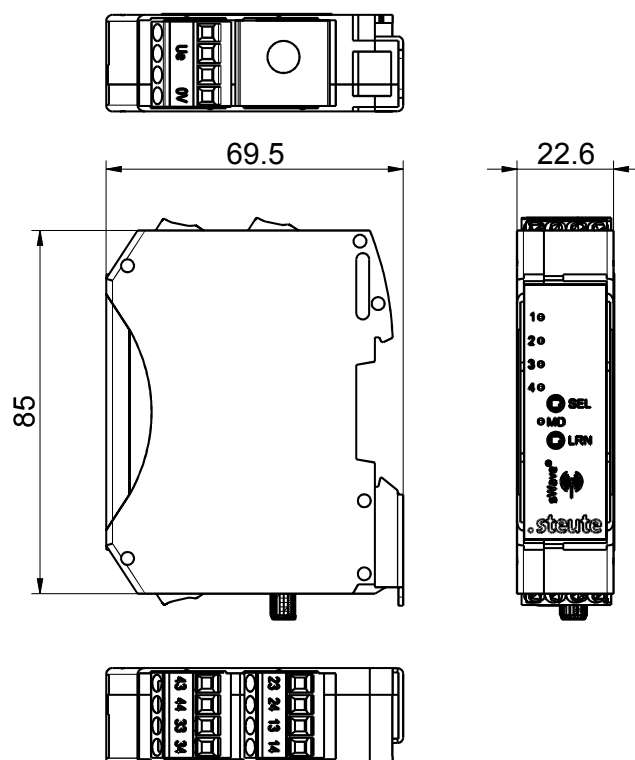
Product features

- 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 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 current/voltage I_e/U_e

output contacts: 0.5 A / 48 VDC (abs. max. 60 V)

Errors and omissions excepted.



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General technical data (contd.)

Rated operating voltage U_e
48 VDC

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 approvals
Europe: RED 2014/53/EU

Weight
80 g

Wireless technology

Frequency
868.3 MHz (Europe)

Data rate
66 kbps

Channel bandwidth
480 kHz

Protocol
sWave.NET®

Transmission power
< 25 mW

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