



## Wireless actor with 4 outputs - 24 VDC RF Rx SW868-NET-4S-A Article no.: 1454159

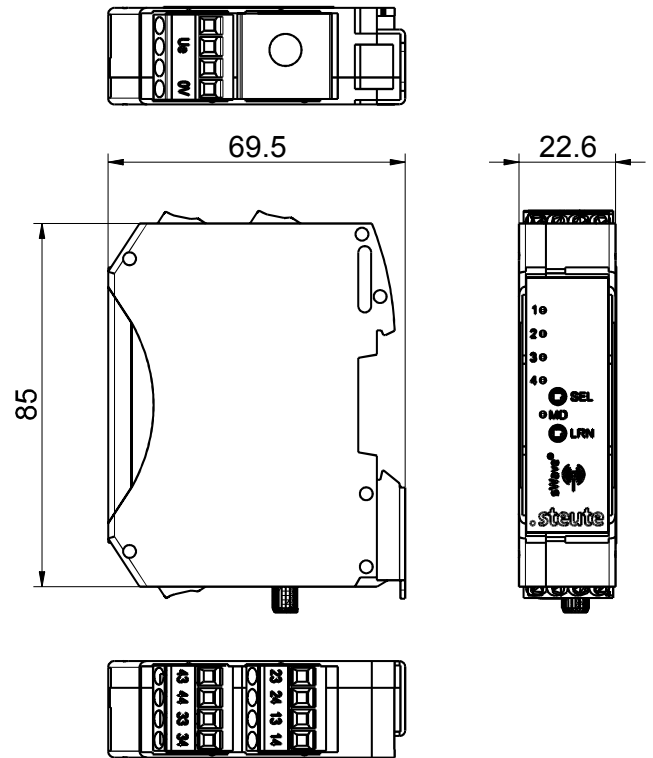
### Product features

- sWave.NET® wireless technology
- 4 potential-free relay 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 61000-4-2, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 60068-2-6, EN 60068-2-27, EN 301 489-1, EN 301 489-3, EN 300 220-1, EN 300 220-2

#### Enclosure

thermoplastic, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

#### 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 NO contacts (relay)

#### Current absorption

max. 0.02 A (standby current), up to max. 0.1 A (4 relays energised)

#### Rated operating current/voltage $I_e/U_e$

max. 0.1 A/24 VDC -15 % ... +10 %;  
output contacts: 3 A/250 VAC; 3 A/24 VDC

#### Utilisation category

AC-15; DC-13

#### Rated insulation voltage $U_i$

250 VAC

#### Rated impulse withstand voltage $U_{imp}$

2.5 kV

#### Display

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

#### Operation cycles

max. 12000 telegrams with repetitions/h

Errors and omissions excepted.



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### General technical data (contd.)

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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  
86 g

### Wireless technology

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Protocol  
sWave.NET®

Frequency  
868.3 MHz (Europe)

Transmission power  
< 25 mW

Data rate  
66 kbps

Channel bandwidth  
480 kHz

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