



## Wireless actor sWave.NET® RF Rx SW868-NET-4S-A Material number: 1454159

### Features/Options:

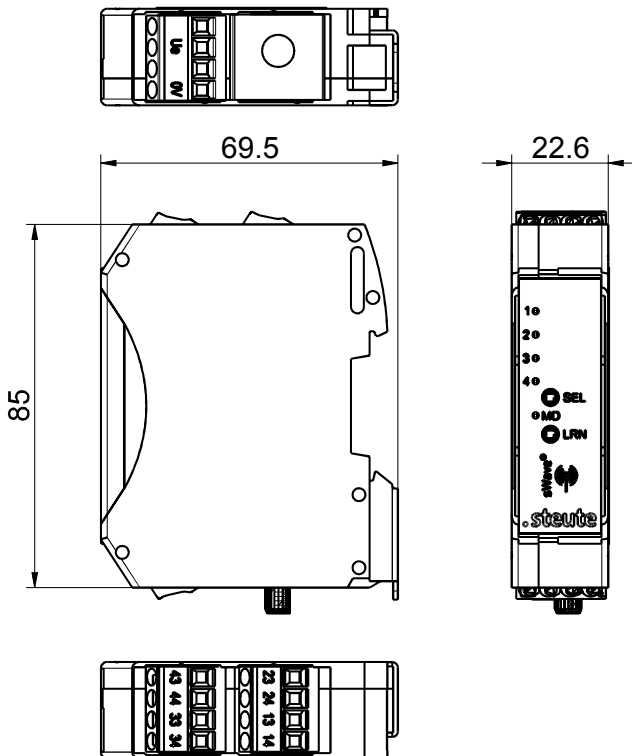
- sWave.NET® wireless technology
- 4 potential-free relay outputs
- Simple operation and integration in existing ERP systems via Sensor Bridge

### Notes

- External antenna always required for optimum wireless range

- LEDs for indication of switching state
- Long transmission range (700 m outdoors, approx. 50 m indoors)
- SMA plug-in connector for external antenna

### Dimensions



### 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, impact resistant, self-extinguishing UL 94 V-0
Degree of protection	IP 20 to IEC/EN 60529
Protocol	sWave.NET®
Frequency	868.3 MHz (Europe, China)
Transmission power	< 25 mW
Data rate	66 kbps
Channel bandwidth	350 kHz
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 <sub>e</sub> /U <sub>e</sub>	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 <sub>i</sub>	250 VAC

Errors and omissions excepted.



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Rated impulse withstand voltage $U_{imp}$	2.5 kV
Wireless range	max. 700 m outdoors, max. 50 m indoors
Display	green LED: ready for operation, orange LED: signalling of switching state
Operation cycles	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	86 g