



Wireless receiver RF Rx SW917NG-4S 24VDC Article no.: 1455669

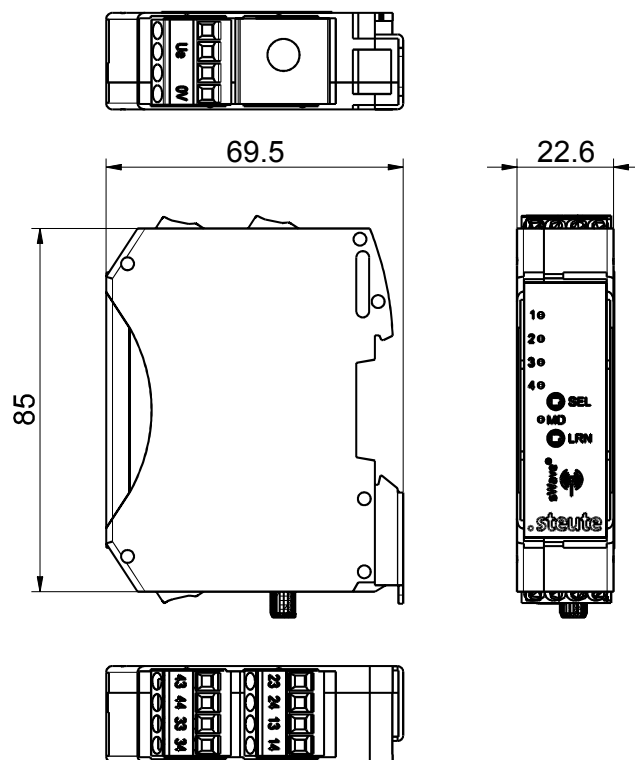
Product features

- sWave® wireless technology
- 4 potential-free relay outputs
- 4 NO contacts, max. 3 A
- Transmitter/receiver assignment by teaching mode
- LEDs for indication of switching state
- SMA reverse plug-in connector for external antenna

Notes

- External antenna always required for optimum wireless range.
- This is available for sale within Australia/NZ only through our partner NHP Electrical engineering Products Pty. Ltd.

Dimensions



General technical data

Applied standards

IEC 60947-5-1, CISPR 32:2015 + AMD1:2019; ARPANSA S-1:2021;
AS/NZS 2772.2:2016 + AMD1:2018; ACMA
Radiocommunications Equipment (General) Rules 2021; NZ
RSM General User Radio Licence – Special Condition 23

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

Safety class

II

Teachable transmitters

40

Outputs

4 NO contacts (relay)

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

outputs: AC-15 (at 10 % I_e); 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

Mechanical life

> 5x10⁶ operations

Errors and omissions excepted.



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General technical data (contd.)

Electrical life

> 1x10⁵ operations AC1

Shock resistance

1 g

Vibration resistance

2 g (10-55 Hz)

Degree of pollution

2

Ambient temperature

-20 °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.

Allows configuration of LBT and status signal of the transmitters

Wireless technology

Frequency

917.0 MHz (Australia)

Channel bandwidth

550 kHz

Protocol

sWave®

Wireless approvals

Australia: 

Arrangement of receiver and switch antenna



A = Optimum mounting

B = Possible mounting

C = Unsuitable mounting