



Wireless repeater RF RxT SW917NG-1K Article no.: 1425880

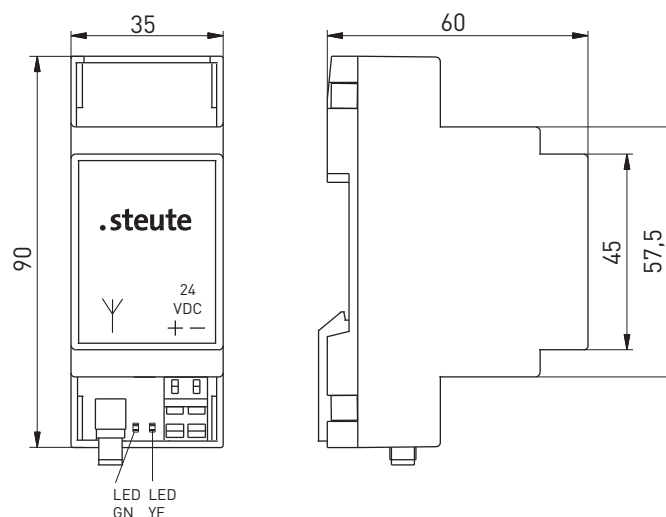
Product features

- sWave® wireless technology
- LEDs for indication of operating state
- 1-level repeater: for the signal gain between transmitter and receiver
- 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

polycarbonate, self-extinguishing UL 94 V-2, RAL 7035

Degree of protection

IP20 (IEC/EN 60529)

Mounting

DIN rail mounting

Connection

terminals with CAGE CLAMP WAGO Series 236: 0.08 ... 2.5 mm² / AWG 28-12, AWG 12: THHN, THWN, stripping length 5 ... 6 mm / 0.22 in

Rated operating current/voltage I_e/U_e

max. 0.02 A/24 VDC -15 % ... +10 %; max. 0.03 A/24 VAC -15 % ... +10 %

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: signalisation of telegram

Degree of pollution

2

Ambient temperature

0 °C ... +55 °C

Storage and shipping temperature

-25 °C ... +85 °C

Wireless technology

Frequency

917.0 MHz (Australia)

Protocol

sWave®

Wireless approvals

Australia:

Telegram rate

max. 12000 telegrams with repetitions/h



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Arrangement of receiver and switch antenna



A = Optimum mounting
B = Possible mounting
C = Unsuitable mounting