



## Wireless repeater RF RxT SW868-1K Material number: 1253727

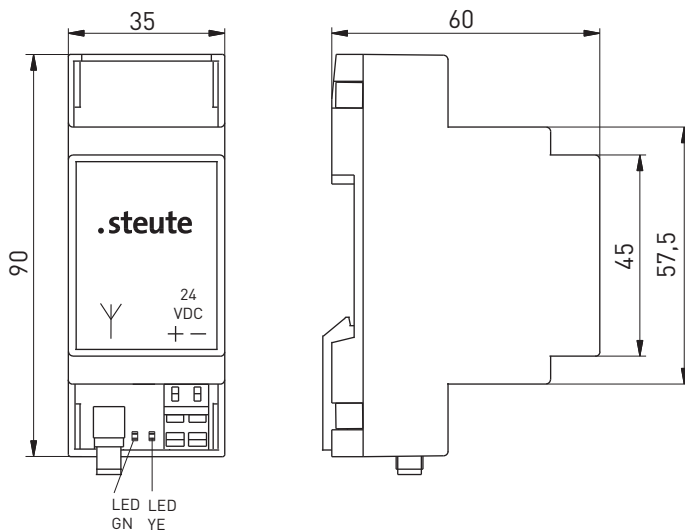
### Features/Options:

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

### Notes

- External antenna always required for optimum wireless range

### 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
Degree of protection	IP 20 to IEC/EN 60529
Frequency	868.3 MHz (Europe, China)
Mounting	DIN rail mounting
Connection	terminals with CAGE CLAMP WAGO Series 236: 0.08 ... 2.5 mm <sup>2</sup> / 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 approvals	Europe: RED 2014/53/EU
Weight	56 g

Errors and omissions excepted.



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Arrangement of receiver and switch antenna



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