



Wireless receiver

RF Rx EN868-1W 24 VDC

Material number: 1186059 (Material number old: 90590007)

Features/Options:

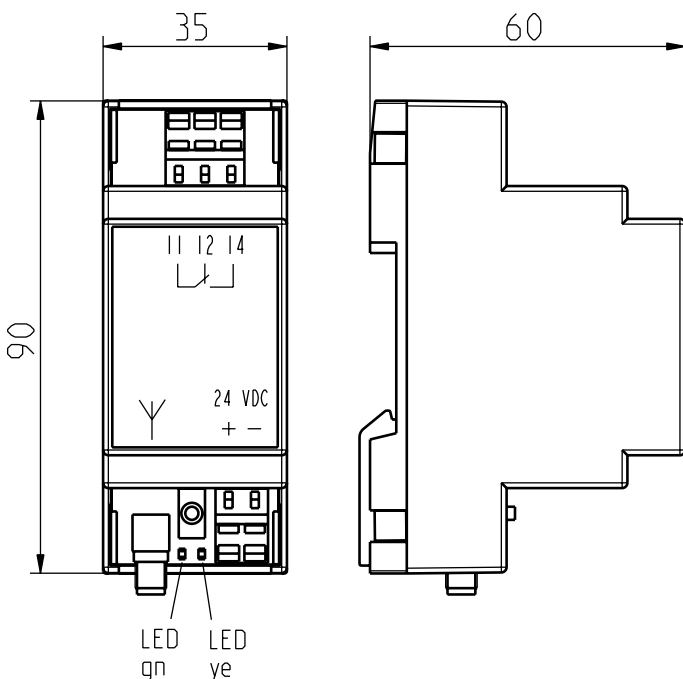
- EnOcean® wireless technology
- 1 potential-free relay output
- 1 change-over contact

Notes

- External antenna always required for optimum wireless range

- Transmitter/receiver assignment by teaching mode
- LEDs for indication of switching state
- 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
Degree of protection	IP 20 to IEC/EN 60529
Frequency	868.3 MHz (Europe)
Number of channels	1
Mounting	DIN rail mounting
Connection	terminals with CAGE CLAMP WAGO Series 236: 0.08 ... 2.5 mm ² / AWG 28-12, AWG 12: THHN, THWN, stripping length 5 ... 6 mm / 0.22 in
Inputs	1 wireless channel, max. 10 transmitters per channel
Outputs	1 change-over contact (relay)
Rated operating current/voltage I_e/U_e	max. 0.08 A/24 VDC -15 % ... +10 %; output contacts: 2 A/24 VDC
Utilisation category	DC-13
Rated impulse withstand voltage U_{imp}	2.5 kV
Display	green LED: ready for operation, orange LED: signalling of switching state
Operation cycles	approx. 9000 telegrams with repetitions/h
Degree of pollution	2
Ambient temperature	0 °C ... +55 °C
Storage and shipping temperature	-25 °C ... +85 °C

Errors and omissions excepted.



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Note	Inductive loads (contactors, relays etc.) are to be suppressed by suitable circuitry.
Wireless approvals	Europe: RED 2014/53/EU
Weight	72 g

Arrangement of receiver and switch antenna



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