

A.S.P. Electro-Technology Ltd

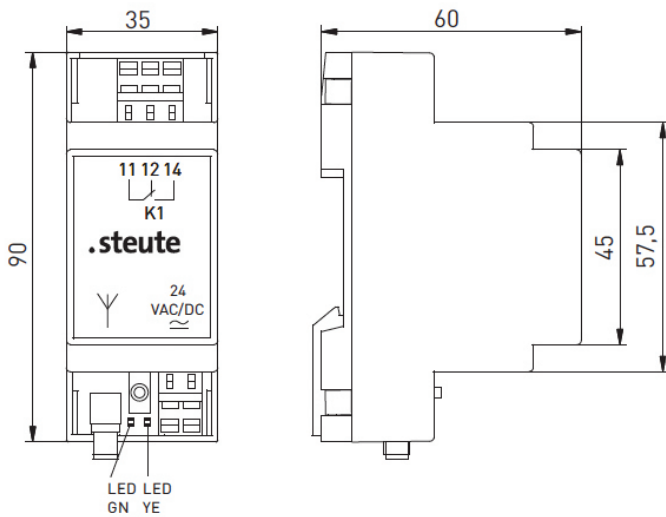
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## RF Rx EN868-1 Wireless Receiver

### Features

- EnOcean standard
- 1-channel: potential-free relay output
- DC version: 1 change-over contact, NPN or PNP output, AC version: 1 change-over contact
- Transmitter/receiver assignment by teaching mode
- LEDs for indication of switching state
- SMA plug-in connector for external antenna



### Technical Data

Standards	EN 60947-5-1; EN 61000-6-2; EN 61000-6-3; EN 60068-2-6; EN 60068-2-27; EN 301 489-1; EN 301 489-3; EN 300 220-2; EN 300 220-3
Number of channels	1
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
Degree of protection	IP 20 to IEC/EN 60529
Inputs	1 wireless channel, max. 10 transmitters per channel
Outputs	1 change-over contact (relay), NPN or PNP
Rated operating current $I_e$	max. 0.22A AC; 0.08A DC
Rated operating voltage $U_e$	24 VAC/DC -15 % ... +10 %
$I_e/U_e$ of output contacts	6A / 250 VAC; 2A / 24 VDC
Utilisation category	AC-15; DC-13
$U_i$	250 VAC
$U_{imp}$	2.5 kV
Frequency	868.3 MHz
LED display	green LED: supply voltage, orange LED: switching conditions
Switching frequency	approx. 9000 telegrams at repetitions/h
Degree of pollution	2 per DIN VDE 0110
Ambient temperature	0 °C ... +55 °C
Storage and shipping temperature	-25 °C ... +85 °C
Vibration resistance	NO contact 20 g, NC contact 5 g
Shock resistance	max. 100 g
External antenna	always required for optimum sensing range
Note	Inductive loads (contactors, relays etc.) are to be suppressed by suitable circuitry.
Approvals	

Errors and omissions excepted