

4-CHANNEL DIN RAIL COMPACT RECEIVER WITH LED COMPATIBILITY & METERING

The 4-channel compact receiver is designed to receive radio signals from EnOcean transmitter switches or sensors within its reach in order to (de)activate LED and fluorescent lamps.

It can pilot resistive loads (halogen), fluorescent tubes, LV halogen lamps with ferromagnetic and electronic transformer, power contactors or small motors as well.

The 4-channel compact receiver also includes the following features:

- 3 actuation modes : toggle switch, I/O switch or push-button
- Simultaneous switching on/off of the 4 channels
- Radio repeater (2 levels)
- Radio test function on demand
- Overall electrical metering
- Can be controlled by an unlimited number of transmitters

Its compact design and the 4 channels of command offers substantial savings in terms of cabling, installation time and spacing within the electrical panel.

Combined with wireless and battery-free devices from the EnOcean ecosystem, it becomes easy to implement a smart building system to optimize available resources.



CODE 10020110 4-CHANNEL COMPACT RECEIVER WITH LED COMPATIBILITY & METERING

TECHNICAL SPECIFICATIONS

<i>Transmission frequency</i>	From 868.0 MHz to 868.6 MHz
<i>EnOcean Equipment Profile (EEP)</i>	D2-01-00 (metering) – A5-3F-00 (radio test)
<i>Measurement precision (power)</i>	2% ± 1 digit (for <10W power supplies below)
<i>Power supply</i>	110-230Vac (50Hz)
<i>Power consumption</i>	<0.35 W (when relays are off)
<i>Output load (potential-free)</i>	max μ 14x1.5A/4x345VA resistive ($\cos \varphi=1$), LED lamp: 4x130W Fluorescent lamp: 4x130W Halogen lamp: 4x345W Inductive lamp: 4x300W ($\cos \varphi=0.4$ to 0.6)
<i>Color</i>	ABS white
<i>Operating temperature range</i>	-10 up to +45°C
<i>Relative air humidity</i>	0% to 75% (no condensation)
<i>Dimensions</i>	17.5x97.4x66.4 mm (1 module)