

## 1 CHANNEL 5A DIN RAIL RECEIVER

The 1 channel radio DIN RAIL receiver is used to switch various 230V-load electric commuter devices, such as incandescent lamps, halogen lamps, electronic ballasts, vents, heating appliances from a wireless and batteryless EnOcean radio transmitters.

The receiver can process the orders from up to 32 transmitters such as radio switches, window contacts, key card switches, window handles, presence detectors, dry contacts etc.

Based on the wiring, the orders (opened/closed) can be selected for lighting applications (opened) or heating applications (closed).

**RADIO TRANSMITTER MODE:** Each assigned transmitter can be used to change the receiver status, one transmitter can switch on the receiver while another one can switch it off thus creating two-ways switches very simply with no additional electric wires.

**WINDOW CONTACT MODE:** If at least one of the contacts is open, the receiver's status is ON. If both contacts are closed, the receiver's status is OFF. The window contacts send a signal every 15 minutes. The receiver considers the window contacts as closed about 60 minutes after the latest signal has been received.

### EASY LEARNING OF THE RECEIVER

- 1 – Put the receiver in learning mode pressing the LRN button. The receiver confirms by emitting a flashing light.
- 2 – Associate the transmitter, the receiver confirms learning by another flashing light.
- 3 – Repeat phase 2 with the other transmitters until the last one and press the LRN button to end all learning.



## CODE 10020070 1 CHANNEL 5A DIN RAIL RECEIVER

### SPECIFICATIONS

Antenna	Internal
Power supply	230V AC +- 10% 50Hz
Output load	Max load 1,100VA (cosφ=1) or 400W Tungsten (incandescent/halogen lamp), Or 400W ballast with cosφ = 0.4-0.6 (fluorescent/halogen lamp) or 150W inductive (cosφ=0.4 à 0.6)
Frequency	868.3MHz
Inputs	2 LRN buttons (receiver in learning mode) and CLR (reset)
Number of assignable transmitters	Up to 30 transmitters or 2 magnetic window contacts
Dimensions of the module	48x35x29mm
Operating temperature range	-10 up to +45°C
Relative air humidity	0% to 95% of relative humidity, no condensation