

1 CHANNEL 16A DIN RAIL RECEIVER «HEATING SYSTEMS»

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.

Thanks to its 16A feature and its wiring with closed contacts, this device is suited for heating applications and enable to reach substantial money & energy savings.

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 10020068 1 CHANNEL 16A DIN RAIL RECEIVER «HEATING SYSTEMS»

SPECIFICATIONS

| | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna | Internal |
| Power supply | 230V AC +- 10% 50Hz |
| Output load | Max load µ16A 3,300VA resistive (cosφ=1) or 2,300W Tungsten (incandescent/halogen lamp) or 800W inductive (cosφ=0.4 to 0.6) or 1,500W/2,300W very low voltage halogen or 1,000W ballast with cosφ = 0.4-0.6 (fluorescent lamp) |
| 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 |