

EAN code: RFSA-166M: 8595188134323

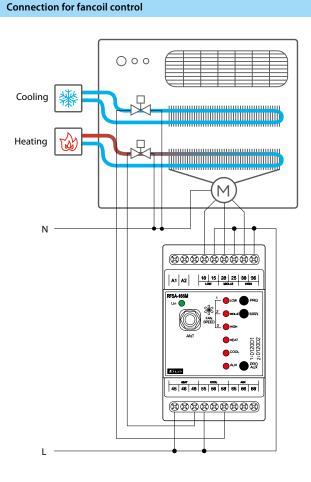
| Technical parameters              | RFSA-166M/230V                              |
|-----------------------------------|---|
| Supply voltage:                   | 110–230 V AC                                |
| Supply voltage frequency:         | 50–60 Hz                                    |
| Apparent input:                   | min. 2 VA/max. 5 VA                         |
| Dissipated power:                 | min. 0.5W/max. 2.5W                         |
| Supply voltage tolerance:         | +10%/-25 %                                  |
| Output                            |   |
| Number of contacts:               | 3x changeover (AgSnO <sub>2</sub> );        |
|                                   | 3x switching (AgSnO <sub>2</sub> )          |
| Rated current:                    | 8 A/AC1                                     |
| Switching power:                  | 2000 VA/AC1                                 |
| Peak current:                     | 10 A/<3 s                                   |
| Switching voltage:                | 250 V AC1                                   |
| Max. DC switching power:          | 500 mW                                      |
| Mechanical service life:          | 1x10 <sup>7</sup>                           |
| Electrical service life (AC1):    | 1x10 <sup>5</sup>                           |
| Control                           |   |
| Wireless:                         | on output RE6 up to 25-channels/buttons     |
| Communication protocol:           | RFIO2                                       |
| Frequency:                        | 866–922 MHz (for more information see p.72) |
| Repeater button:                  | yes   |
| Manual control:                   | MAN button                                  |
| Range:                            | in open space up to 100 m                   |
| Wireless antenna:                 | AN-I included (SMA connector)*              |
| Other data                        |   |
| Operating temperature:            | -15 °C to +50 °C                            |
| Operating position:               | any   |
| Mounting:                         | DIN rail EN 60715                           |
| Protection:                       | IP20 from the front panel                   |
| Overvoltage category:             | III.  |
| Contamination degree:             | 2   |
| Connecting conductor              | max. 1x 2.5, max. 2x 1.5/                   |
| cross-section (mm <sup>2</sup> ): | with a hollow max. 1x 2.5                   |
| Dimensions:                       | 90 x 52 x 65 mm                             |
| Weight:                           | 264 g                                       |
| Related standards:                | EN 60730, EN 63044, EN 300 220, EN 301 489  |

\* Max Tightening Torque for antenna connector is 0.56 Nm.

- Thanks to the 6-channels design of the switching component it can control the heating/cooling mode and with 3 speeds, the AUX output channel can be used to control appliances, sockets or lights.
- The RFSA-166M wireless switching component can be combined with the RFTC-150/G.
- Up to 25 detectors RFWD-100 can be assigned to the switching component.
- The RFWD-100 can be assigned to the RFSA-166M using the PRG button.

Output Channel AUX:

- up to 25-channels can be controlled,
- can be combined with detectors, controllers or system components of iNELS Wireless Control,
- function: button, pulse relay and delayed start or return time functions with 2 s - 60 min time setting. Function description can be found on page 70,
- memory status is retained in the event of a power failure,
- the AUX programming button on the component also serves as manual control of the AUX output.
- The package includes an internal antenna AN-I, in case of locating the element in a metal switchboard, you can use the external antenna AN-E for better signal reception, see accessories on page 65.
- Range up to 100 m (in open space), if the signal is insufficient, use the signal repeater RFRP-20N or protocol component RFIO2 that support this feature.



Hotel Room Retrofit (HRESK)