

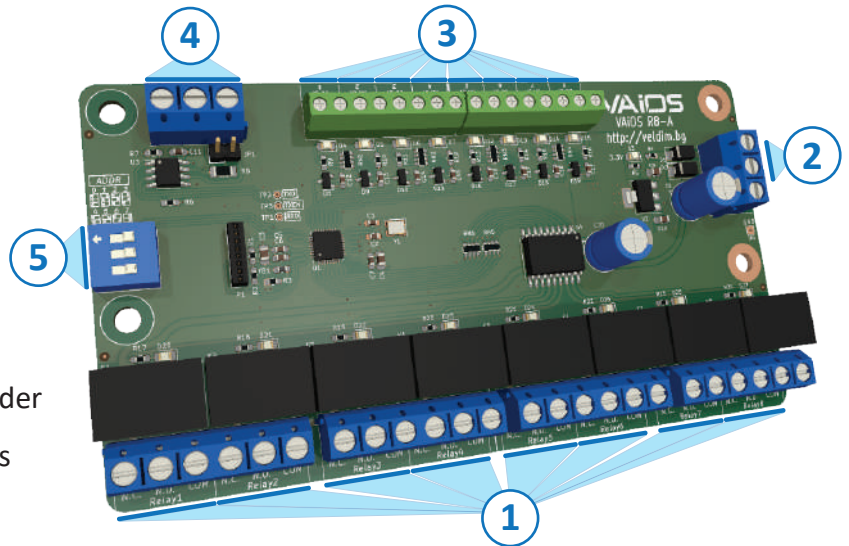
## Smart Home Volume Expansion

VAiOS R8 represents the extension module in VAiOS hardware developments. With it, the volume of smart system functionalities grows quantitatively. If with a VAiOS WAC4N multifunction controller you are limited to 4 relays and 4 programmable inputs (dry contacts) with which you control the various end devices, the VAiOS R8 increases this number by +8 for each:

- +8 relays and
- +8 programmable inputs.

### Quick look

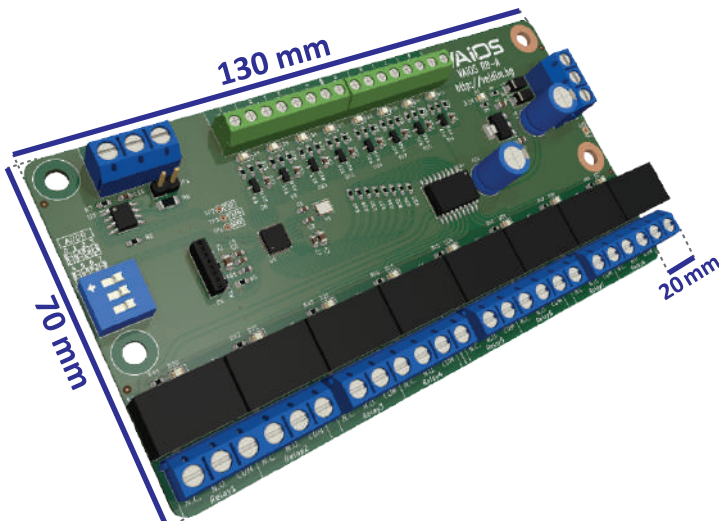
- 1 ▶ 8 pcs. relays релета
- 2 ▶ GND - power supply
- 3 ▶ 8 programmable inputs (contacts)
- 4 ▶ Connection port with controller/expander
- 5 ▶ Switches for setting extender addresses



**When building hardware systems with VAiOS R8 extenders, it is good to know and consider the following specifics:**

- ▶ The maximum number of R8 extension modules connected in series is 4 pcs.
- ▶ The terminals of the programmable inputs can be connected to various end devices: magnetic contact (MUC), volume (PIR) sensor, photocells, fire sensors, etc.
- ▶ The expansion module operates at 12 VDC
- ▶ The module consumption is between 100-300 mA according to the active elements of the expander.
- ▶ The mounting of the module is provided for a moisture insulated PVC box.
- ▶ Approximate weight of the module: 250 g.
- ⚠ The switching on and off of the expansion module must occur when the system is not energized (switched on).

### Dimensions



### Technical specifications

|                         |                                 |
|-------------------------|---------------------------------|
| Интерфейс:              | RS485                           |
| Интеграция:             | via terminal for the controller |
| Power supply:           | 12 V                            |
| Consumption:            | max. ~ 300 mA                   |
| Operating temperature:  | -20°C ~ +60°C                   |
| Dimensions, total (mm): | L: 130 / W: 75 / H: 20          |
| Dimensions, cloth (mm): | L: 130 / W: 70 / H: 3           |
| Installation type:      | in PVC box                      |
| Продуктов номер:        | 3948                            |