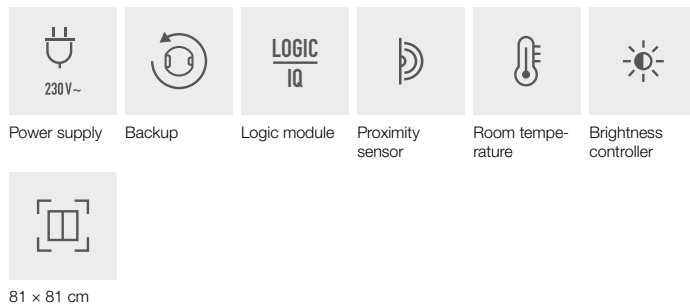


## frogMotion

Motion detector (PIR) with multifunctional sensor equipment: movement, room temperature and brightness sensors for triggering alarms and controlling the lights and heating.



### Technical Data

#### Category

|                     |                                    |
|---------------------|------------------------------------|
| Article designation | frogMotion                         |
| Article number      | CU-Mot-A.01                        |
| Type of assembly    | Surface mounted (in device socket) |

#### Functions and power

|                                       |   |
|---------------------------------------|---|
| Inputs                                | 2; for connecting potential-free contacts (switches, buttons, relays) |
| Outputs                               | 0   |
| Microphone                            | Yes (sound level)   |
| Loudspeaker                           | No  |
| Sound encoder                         | Yes   |
| Intercom function                     | No  |
| Door opening function                 | No  |
| Bell                                  | No  |
| Keypad                                | No  |
| Proximity sensor                      | Yes, maximum range 1 metre  |
| Room temperature sensor               | Yes   |
| Brightness sensor                     | Yes   |
| Integrated logic module               | Yes   |
| Configuration backup                  | Yes   |
| Comfort and timer functions           | Yes   |
| Passive infra-red sensor (PIR sensor) | Yes   |

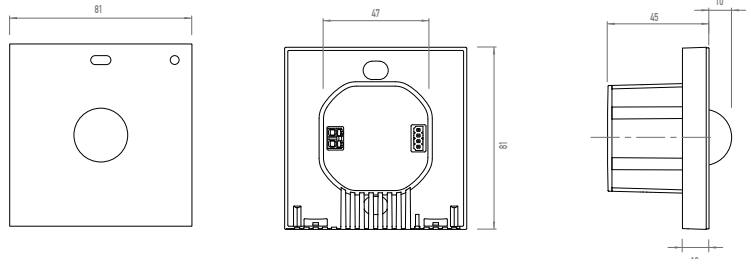
## frogMotion

### Dimensions and weight

Dimensions (L × B × H):

81 × 81 × 12 mm (overall height 45 mm)

Weight: app. 100 g



### Electricity supply

|                           |                |
|---------------------------|----------------|
| Mains voltage             | AC 110–240 V ~ |
| Mains frequency           | 50 / 60 Hz     |
| Typical power consumption | 1 Watt         |

### Network

|                                |                                    |
|--------------------------------|------------------------------------|
| WLAN                           | No                                 |
| Bluetooth                      | Bluetooth 4.2 Low Energy           |
| Frequency band                 | 2400 - 2483.5 MHz, maximum 4.5 dBm |
| Typical radio open field range | 30 metres                          |

### Operation and storage

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature             | -25 ° to +55 °C  |
| Storage temperature             | -25 ° to +70 °C  |
| Air humidity (during operation) | (Non-condensing) |

### Power connection

|  |   |
|--|---|
| Type of contact  | -   |
| Connection variants                                      | -   |
| Connection type  | Spring-type terminal (single wire)  |
| Wire cross section                                       | 1–1.5 mm <sup>2</sup> / 0.2–0.5 mm <sup>2</sup> (rigid conductor recommended) |
| Maximum cable length of the inputs ø 0.5 mm <sup>2</sup> | 100 m   |
| Stripping length   | 8 mm (1–1.5 mm <sup>2</sup> ) / 6 mm (0.2–0.5 mm <sup>2</sup> )               |

### Packaging

|   |                   |
|---|-------------------|
| Packaging size                          | 1 unit            |
| EAN 1 unit                              | 4260578530262     |
| Packaging dimensions (L × W × H) 1 unit | 140 × 130 × 60 mm |
| Weight including packaging 1 unit       | 200 g             |

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Subject to change.  
Electrical equipment may be installed and fitted only by  
qualified electricians.

Further information  
[www.frogblue.com](http://www.frogblue.com).

