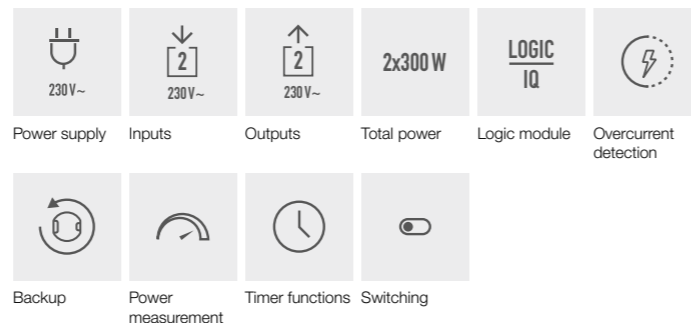


## frogAct2-2

Multifunctional 2-channel actuator to activate/deactivate lights or other appliances featuring 2 Inputs for integration of switches and other devices (110-240 V~). Featuring integrated logic module with comfort and timer functions, power measurement and short circuit detection (2x 300 W @ 230 V~).



### Technical Data

#### Category

|                     |  |
|---------------------|--|
| Article designation | frogAct2-2   |
| Article number      | a2-2-300.01  |
| Assembly type       | Recess-mounted (in device socket according to DIN 49073) |

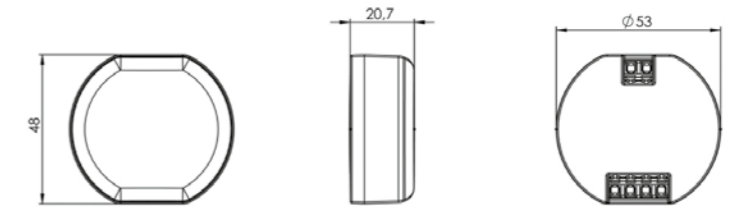
#### Functions and power

|  |  |
|--|--|
| Inputs                                   | 2 (AC 110–240 V ~)   |
| Outputs                                  | 2 (AC 110–240 V ~)   |
| Outputs can be dimmed                    | No   |
| Minimum Load LED                         | LED 3 W  |
| Maximum Power per output                 | 300 W/300 VA (220–240 V~) 150 W/150 VA (110–240V~)                       |
| Suitable loads                           | Light bulb load, electronic transformer, inductive load, (no motor load) |
| Output modes                             | Switch   |
| Protection category conforms to          | IP20   |
| Integrated logic module                  | Yes  |
| Integrated configuration backup          | Yes  |
| Comfort and timer functions              | Yes  |
| Power measurement                        | Yes  |
| Short circuit detection and notification | Yes  |

## frogAct2-2

### Dimensions and weight

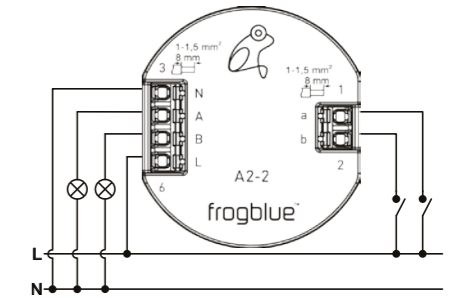
Dimensions (L x B x H): 53 x 48 x 21 mm  
Weight: 30 g



### Connection example:

**Socket depth** min. 53 mm for installation behind switch insert  
rec. 63 mm for installation behind switch insert

Individual installation is necessary for shallow depths.



### Electricity supply

|                      |                |
|----------------------|----------------|
| Mains voltage        | AC 110–240 V ~ |
| Mains frequency      | 50 / 60 Hz     |
| Stand-by consumption | < 220 mW       |

### Network

|                                |                                |
|--------------------------------|--------------------------------|
| WLAN                           | No                             |
| Frequency range                | 2400–2483.5 MHz maximum 3.4dBm |
| Bluetooth                      | Bluetooth 4.2 Low Energy       |
| Typical radio open field range | 30 metres                      |

### Operation and storage

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature             | -25 ° to +50 °C  |
| Storage temperature             | -25 ° to +70 °C  |
| Air humidity (during operation) | (Non-condensing) |

### Power connection

|                     |   |
|---------------------|---|
| Contact type        | ε, MOSFET   |
| Connection variants | for bell, lamps, etc                                |
| Connection type     | Spring-type terminal (single wire)                  |
| Wire cross section  | 1–1.5 mm <sup>2</sup> (rigid conductor recommended) |
| Stripping length    | 8 mm  |

### Packaging

|   |                 |
|---|-----------------|
| Packaging size                          | 1 unit          |
| EAN 1 unit                              | 4260578530385   |
| Packaging dimensions (L x W x H) 1 unit | 75 x 30 x 75 mm |
| Weight including packaging 1 unit       | 50 g            |

### Note

A relay module (e.g. frogRelay2-2, frogRelay2-2-PF) must be utilised to control motor loads (e.g. roller shutter motor).

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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).

