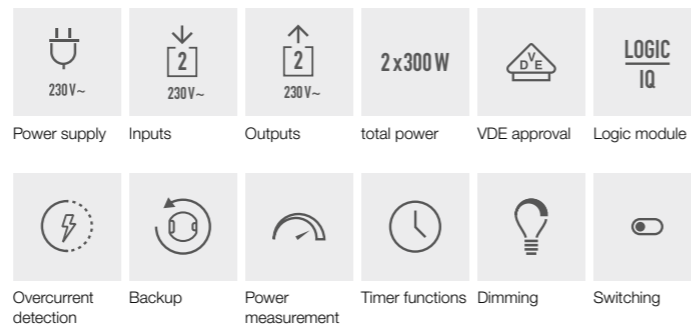


## frogDim2-2

Multifunctional 1-channel dimming actuator with 2 outputs to dim or switch lights on/off and 2 inputs for integration/query of additional switches and sensors (110-240 V~). Switching and dimming functionality for all approved trailing-edge phase control dimmable lighting; 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	frogDim2-2
Article number	D2-2-300.01
Assembly type	Recess-mounted (in device socket according to DIN 49073)

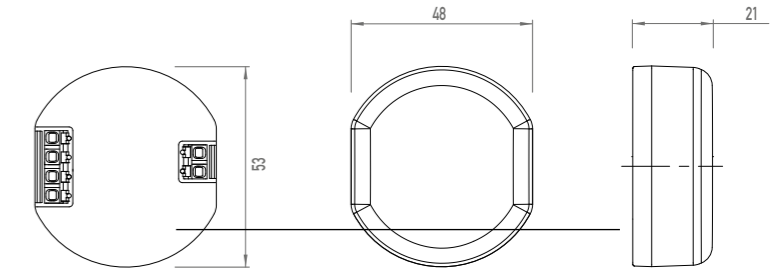
#### Functions and power

Inputs	2 (AC 220–240 V ~)
Outputs	2 (AC 220–240 V ~)
Outputs dimmable	Yes (phase section)
Minimum. Load LED	LED 3 W
Maximum Power per output	300 W (220–240 V~)
Suitable loads	Bulb load, electronic transformer
Unsuitable loads	Inductive load
Output Modes	Switching, dimming
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

## frogDim2-2

### Dimensions and weight

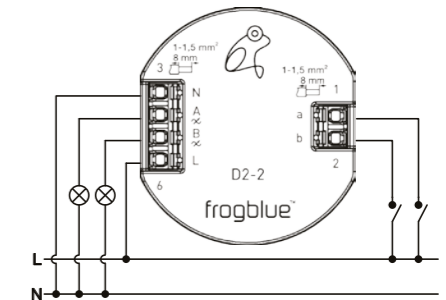
Dimensions (L x B x H): 53 x 48 x 21 mm  
Weight: 35 g



### 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 220–240 V ~
Mains frequency	50 / 60 Hz
Stand-by consumption	< 250 mW

### Network

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

### Operation and storage

Ambient temperature	-25 ° to +45 °C
Storage temperature	-25 ° to +70 °C
Air humidity (during operation)	(Non-condensing)

### Power connection

Contact type	ε, MOFSET
Connection variants	for bell, lamps, buttons, switches
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	4260578530026
Packaging dimensions (L x W x H) 1 unit	75 x 30 x 75 mm
Weight incl. packaging 1 unit	52 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).

