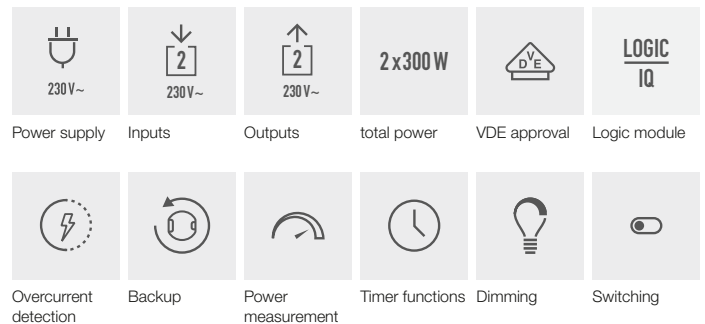


## frogDim2-2

Multifunctional 2-channel dimming actuator to dim or switch lights on/off, with 2 inputs to query buttons/switches (230 V ~).

With integrated logic module, comfort and timer functions, power measurement and short circuit detection and notification (2 × 300 W).

Equipped with Bluetooth LE technology with 128-bit encryption.



### Technical Data

#### Category

Article description	frogDim2-2
Article number	D2-2-300.01
Type of mounting	Recess-mounted (in power socket)

#### Functions and power

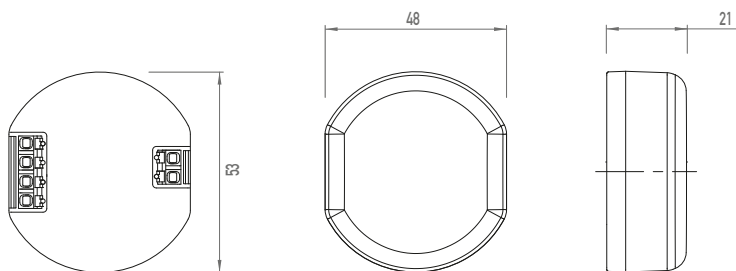
Inputs	2 (AC 220–240 V ~)
Outputs	2 (AC 220–240 V ~)
Outputs can be dimmed	Yes (phase controlling)
Min. load	LED 3 W
Max. power per output	300 W @ 220–240 V ~
Suitable loads	Light bulb load, electronic transformer
Unsuitable loads	Inductive load
Output modes	Dimmer, switch (each output adjustable)
Protection category	Conforms to IP20
Certification	VDE mark of conformity
Integrated logic module	Yes
Integrated configuration backup	Yes
Comfort and timer function	Yes
Power measurement	Yes
Short circuit detection and notification	Yes

## frogDim2-2

### Dimensions and weight

Dimensions (L × B × H): 53 × 48 × 21 mm

Weight: 35 g



### 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
Typical 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	ε, MOSFET
Connection options	230 V – doorbell, lamps, power sockets, buttons, switches
Connection type	Spring-type terminal (single wire)
Lead cross-section	1–1.5 mm <sup>2</sup> (rigid conductors recommended)
Stripping length	8 mm

### Packaging

Package size	1 piece, 10 pieces
EAN 1 piece	4260578530002
Packaging dimensions (L × W × H), 1 piece	75 × 30 × 75 mm
Weight including packaging, 1 piece	52 g
EAN 10 pieces	4260578530019
Packaging dimensions (L × W × H), 10 pieces	78 × 80 × 316 mm
Weight including packaging, 10 pieces	570 g

### Notes

To actuate a capacitor motor (e.g. roller shutter motor), the SmartRelay R2-2-1200.01 module must be used.

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Subject to change.  
Electrical equipment may be installed and fitted only by qualified electricians.  
frogblue supplies specialist electrical companies via the electrical wholesaler Sonepar Deutschland GmbH.

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

