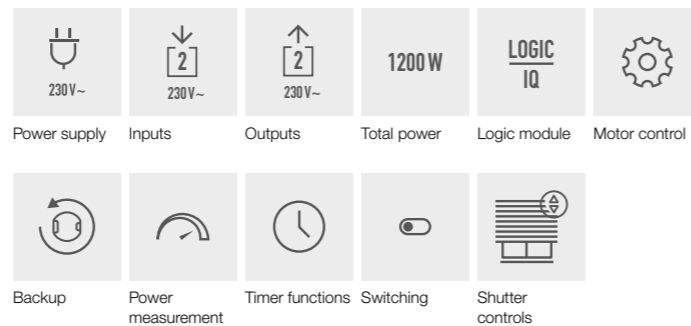
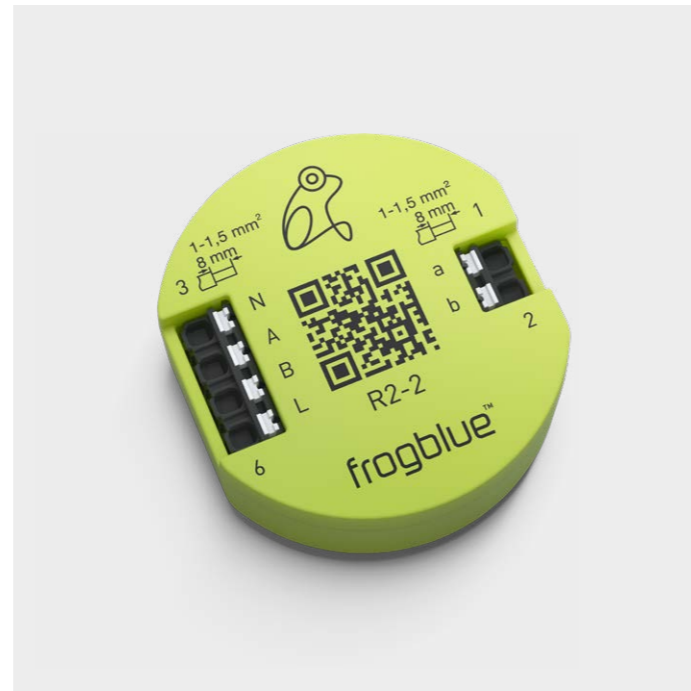


## frogRelay2-2

Multifunctional 2-channel relay switch with 2 outputs for controlling shutters/blinds and other motors. Also 2 inputs for integration/query of additional switches and sensors (110-240 V~). Featuring integrated logic module with comfort and timer functions, power measurement and excess current detection (total: 1200 W@230V).



### Technical Data

#### Category

Article designation	frogRelay2-2
Article number	R2-2-1200.01
Assembly type	Recess-mounted (in device socket according to DIN 49073)

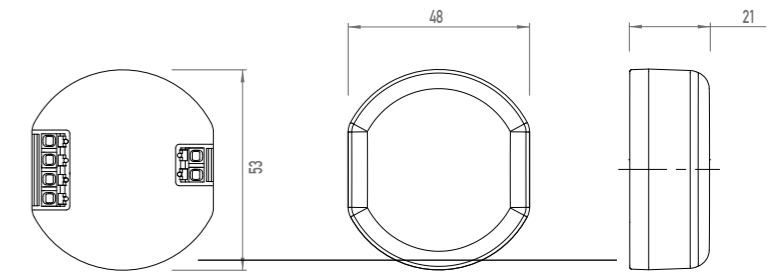
#### Functions and power

Inputs	2 (AC 110–240 V ~)
Outputs	2 (AC 110–240 V ~)
Outputs can be dimmed	No
Minimum load	-
Maximum Total output	Light bulbs/LEDs, HV halogen bulbs: 1200 W (220-240 V ~), 600 W (110-219 V~), capacitive load: maximum 6A (110-240 V~), electronic transformer: 600 VA (220-240 V~), 300VA (110-219 V~)
Protection category	Conforms to IP20
Motor control	Yes
Integrated logic module	Yes
Integrated configuration backup	Yes
Comfort and timer functions	Yes
Power measurement	Yes
Short circuit detection and notification	No

## frogRelay2-2

### Dimensions and weight

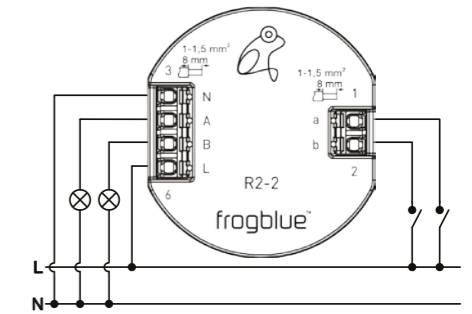
Dimensions (L x B x H): 53 x 48 x 21 mm  
Weight: 50 g



### 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	< 190 mW

### Network

WLAN	No
Bluetooth	Bluetooth 4.2 Low Energy
Frequency range	2400–2483.5 MHz maximum 2.9 dBm
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	μ normally open contact
Connection variants	roller blind/roller shutter motor, lamps, buttons, switches etc.
Connection type	Spring plug-in terminal
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	4260578530248
Packaging dimensions (L x W x H) 1 unit	75 x 30 x 75 mm
Weight including packaging 1 unit	70g

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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).

