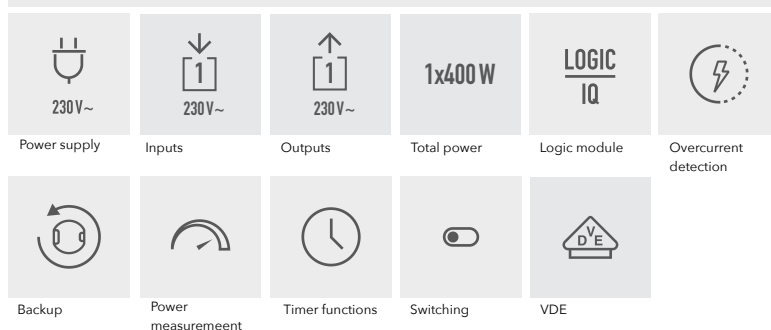


## frogAct1-1

Multifunctional 1-channel actuator with one input to activate/deactivate lights or other appliances featuring 1 input for integration of switches and other devices (110-240 V~). Featuring integrated logic module with comfort and timer functions, power measurements and short circuit detection (1x 400 W @ 230 V~).



## Technical Data

### Category

Article description	frogAct1-1
Item number	A1-1-400.02
Assembly type	Recess-mounted (in device socket)

### Functions and power

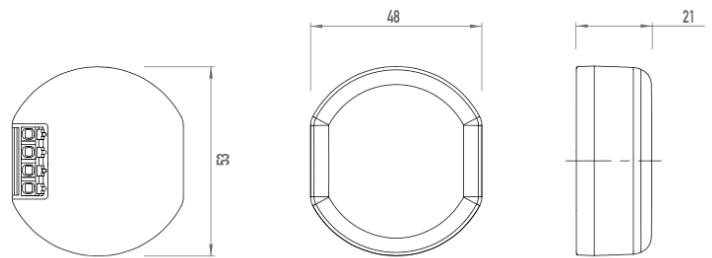
Inputs	1 (AC 110-240 V~)
Outputs	1 (AC 110-240 V~)
Ausgänge Outputs can be dimmed	No
Minimum Load LED	3 W
Max. Power per output	400 W/400 VA (220-240 V~) 200 W/200 VA (110-219 V~)
Suitable loads	Light bulb load, electronic transformer, inductive load (no motor load)
Output modes	Switch
Protection category	conforms to IP20 VDE Test Mark Certifications
Integrated logic module	Yes
Integrated configuration backup	Yes
Comfort and timer function	Yes
Power measurement	Yes
Short circuit detection and notification	Yes

## frogAct1-1

### Dimensions and weight

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

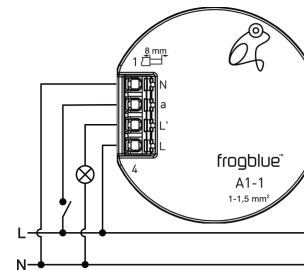
Weight: 30g



### Connection example:

**Box depth** min. 53 mm for installation behind switch insert  
63 mm recommended for installation behind switch insert

Individual installation is required for shallower depts.



### Electricity supply

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

### Network

WLAN	No
Bluetooth®	Bluetooth® 4.2 Low Energy
Frequency range	2400-2483,5 MHz max. 3,5 dBm
Typical radio open field range	30 metres

### Operation and storage

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

### Power connection

Contact type	ε, MOSFET
Connection variants	for bell, lamps, buttons, switches
Connection type	Spring-type terminal (single wire)
Wire cross section	1-1,5 mm² (rigid conductor recommended)
stripping length	8 mm

### Packaging

Packaging size	1 unit
EAN 1 unit	4260578531085
Packaging dimensions (L x B 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 moter).

frogblue\_Data\_ENG\_3-25\_A1-1-400.02

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

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

