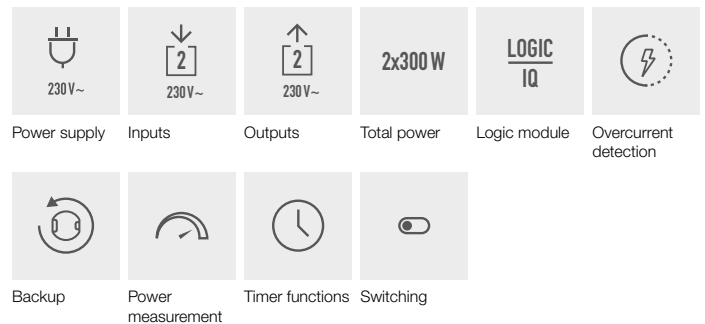


frogAct2-2

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)

Functions and power

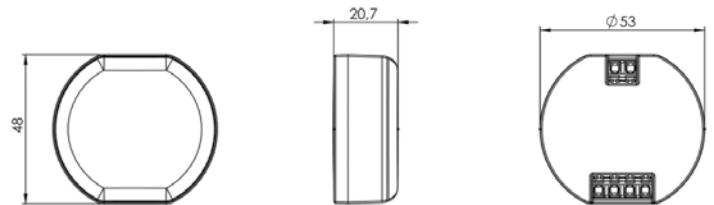
Inputs	2 (AC 110–240 V ~)
Outputs	2 (AC 110–240 V ~)
Outputs can be dimmed	No
Minimum Load LED	LED 3 W
Maximum Power per output	300 W/300 VA (220–240 V~) 150 W/150 VA (110–240V~)
Suitable loads	Light bulb load, electronic transformer, inductive load, (no motor load)
Output modes	Switch
Protection category 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

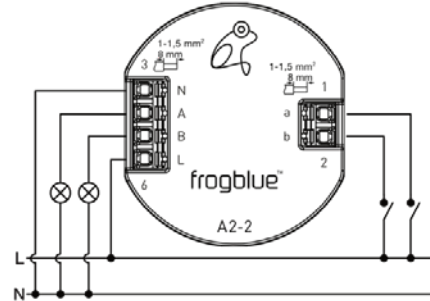
Dimensions and weight

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

Weight: 30 g



Connection example:



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 ² (rigid conductor recommended)
Stripping length	8 mm

Packaging

Packaging size	1 unit
EAN 1 unit	4260578530385
Packaging dimensions (L × W × H) 1 unit	75 × 30 × 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).

