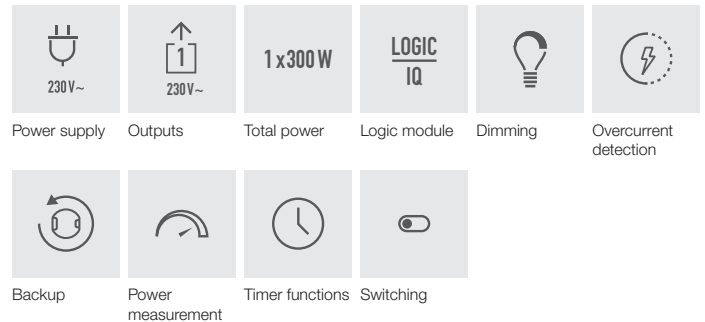


frogDim1-0

Multifunctional 1-channel dimming actuator to dim or switch lights on/off (230 V ~).

With integrated logic module, comfort and timer functions, power measurement and short circuit detection and notification (1 × 300 W).

Equipped with Bluetooth LE technology with 128-bit encryption.



Technical Data

Category

Article description	frogDim1-0
Article number	D1-0-300.01
Type of mounting	Recess-mounted (in power socket)

Functions and power

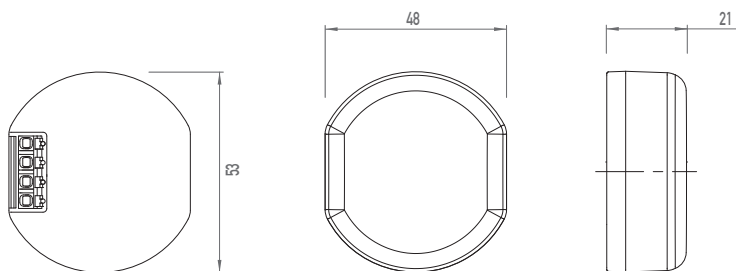
Inputs	0
Outputs	1 (AC 110–240 V ~)
Outputs can be dimmed	Yes (phase controlling)
Min. load	LED 3 W
Max. power per output	300 W @ 220–240 V ~ 150W (110-219V~)
Suitable loads	Light bulb load, electronic transformer
Unsuitable loads	Inductive load
Output modes	Dimmer, switch
Protection category	Conforms to IP20
Integrated logic module	Yes
Integrated configuration backup	Yes
Comfort and timer function	Yes
Power measurement	Yes
Short circuit detection and notification	Yes

frogDim1-0

Dimensions and weight

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

Weight: 30 g



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
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 ² (rigid conductors recommended)
Stripping length	8 mm

Packaging

Package size	1 piece, 10 pieces
EAN 1 piece	4260578530200
Packaging dimensions (L × W × H), 1 piece	75 × 30 × 75 mm
Weight including packaging, 1 piece	50 g
EAN 10 pieces	4260578530217
Packaging dimensions (L × W × H), 10 pieces	78 × 80 × 316 mm
Weight including packaging, 10 pieces	550 g

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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.

