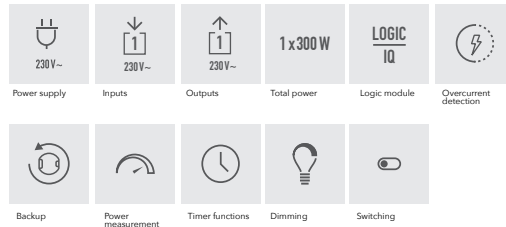


## frogDim1-1

Multifunktionell 1-kanals dimställdon för att dimma, tända och släcka belysning (110-240 V ~) och 1st ingång för kontroll av knappar och brytare. Bryt- och dimningsfunktion för all godkänd bakkantsfasstyrd dimningsbelysning. Framkantsfasstyrning endast godkänd för induktiv last. Med integrerad logikmodul med komfort- och timerfunktioner, effektmätning och kortslutningsdetektering (1x 300 W @ 230 V~).



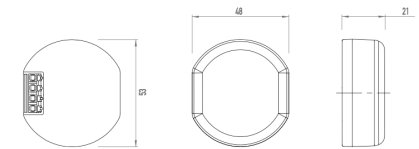
### Technical Data

<b>Category</b>	
Article designation	frogDim1-1
Artical number	D1-1-300.01
Assembly type	Recess-mounted (in device socket according to DIN 49073)
<b>Functions and power</b>	
Inputs	1 (AC 110-240 V~)
Outputs	1 (AC 110-240 V~)
Outputs dimmable	Yes (Phase-angle or phase-section control via frogblue app. switchable; phase angle control is only permitted for inductive loads)
Minimum load	LED 3 W
Maximum power per output	300 W/300 VA (220-240 V~) 150 W/150 VA (110-219 V~)
Suitable loads	Light bulb load, electronic transformer, inductive load, (no motor load)
Output modes	Dimming, Switching
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

## frogDim1-1

### Dimensions and weight

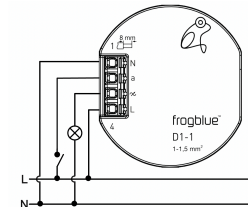
Dimensions (L x B x H): 53 x 48 x 21 mm  
Weight: 33g



### 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.



### Power 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. 3,4 dBm  
Typical radio open field range 30 metres

### Operation and storage

Ambient temperature -25°C to +55°C  
Storage temperature -25°C to +70°C  
Air humidity (during operation) (Non-condensing)

### Power connection

Contact type ε, MOSFET  
Connection variants 230 V~ - 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, 10 units  
EAN 1 unit 4260578530828  
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 motor).

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

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

