

frogIn3-AC

Multifunctional 3-channel input to query buttons/switches/ other sensors (110-240 V~) and for controlling all components within the frogblue Bluetooth LE network. Featuring integrated logic module with comfort and timer functions.



Technical Data

Category

Article designation	frogIn3-AC
Article number	I3-AC.01
Assembly type	Recess-mounted (in device socket according to DIN 49073)

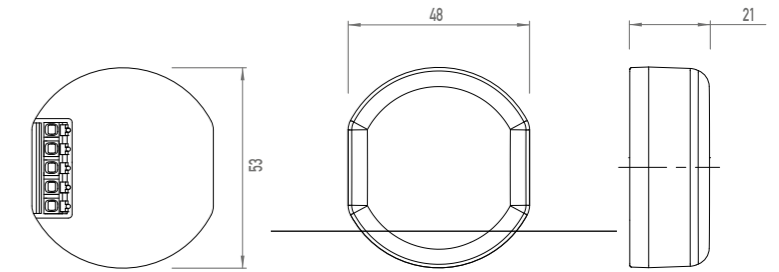
Functions and power

Inputs	3 (AC 110–240 V ~)
Outputs	–
Outputs can be dimmed	–
Minimum Load	–
Maximum Power per output	–
Suitable loads	–
Unsuitable loads	–
Output modes	–
Protection category	Conforms to IP20 VDE Test Mark Certifications
Integrated logic module	Yes
Integrated configuration backup	Yes
Comfort and timer functions	Yes
Power measurement	–
Short circuit detection and notification	–

frogIn3-AC

Dimensions and weight

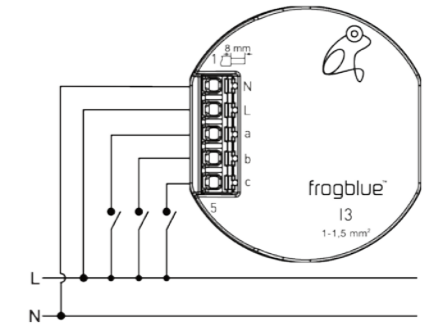
Dimensions (L x B x H): 53 x 48 x 21 mm
Weight: 25 g



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	< 130 mW

Network

WLAN	No
Bluetooth	Bluetooth 4.2 Low Energy
Frequency range	2400–2483.5 MHz maximum 4.3dBm
Typical radio open field range	30 metres

Operation and storage

Ambient temperature	-25°C to +65°C
Storage temperature	-25°C to +70°C
Air humidity (during operation)	(Non-condensing)

Power connection

Type of contact	–
Connection variants	for buttons, switches
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	4260578530224
Packaging dimensions (L x W x H) 1 unit	75 x 30 x 75 mm
Weight including packaging 1 unit	42 g

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

Further information
www.frogblue.com.

