

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)

Functions and power

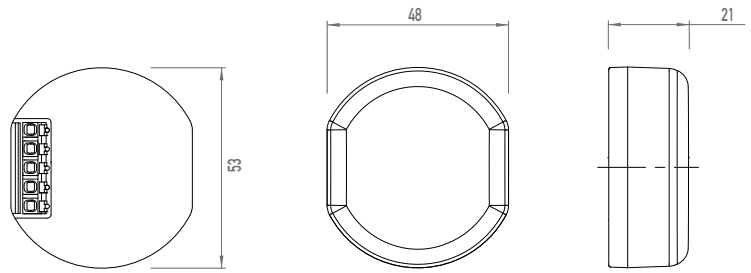
Inputs	3 (AC 110–240 V ~)
Outputs	–
Outputs can be dimmed	–
Minimum Load	–
Maximum Power per output	–
Suitable loads	–
Unsuitable loads	–
Output modes	–
Protection category	Conforms to IP20 VDE Test Mark Certifications
Integrated logic module	Yes
Integrated configuration backup	Yes
Comfort and timer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

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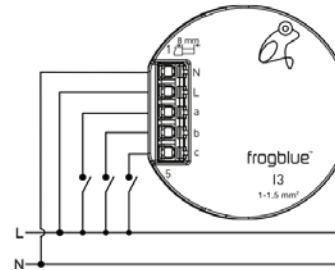
Dimensions and weight

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

Weight: 25 g



Connection example:



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 × W × H) 1 unit	75 × 30 × 75 mm
Weight including packaging 1 unit	42 g

