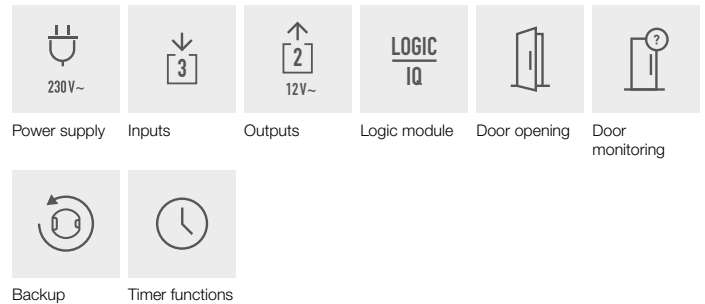


frogEntry2-3

Multifunctional switch actuator to control 12V electronic door openers or motorized locks featuring 3 contact inputs for determining door or buttons/switches status in 2 galvanic circuits. With integrated logic module, featuring integrated logic module with comfort and timer functions.



Technical Data

Category

Article designation	frogEntry2-3
Article number	E2-3-12V.01
Assembly type	Recess-mounted (in device socket)

Functions and power

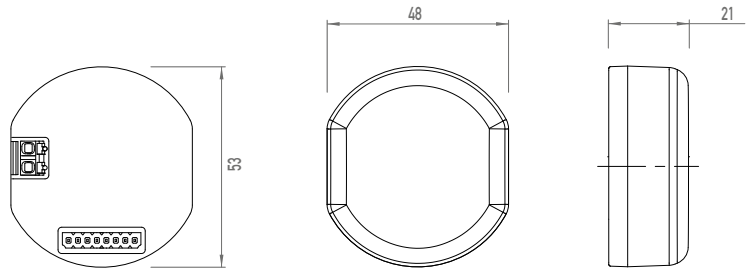
Inputs	3; in 2 galvanically isolated circuits, for connecting potential-free contacts (switches, buttons, relays). Self supply (2 V / max.1mA) or low voltage contacts max. 30 V AC (50 V DC)
Maximum Cable length for inputs	100 metres
Outputs	2; P: 12V / 300mA O: 12 V/30 mA (DC / AC) continuous load
Outputs can be dimmed	–
Max. power per output	P: 4 W continuous load; 4 W–16 W max. 10 seconds O: 0.36 W
Output modes	Motorised lock (Mediator), electrical door opener, contactor/relay
Protection category	Conforms to IP20
Integrated logic module	Yes
Integrated configuration backup	Yes
Comfort and timer functions	Yes
Power measurement	
Short circuit detection and deactivation	Output P: Yes; Output O: No (short-circuit proof)

frogEntry2-3

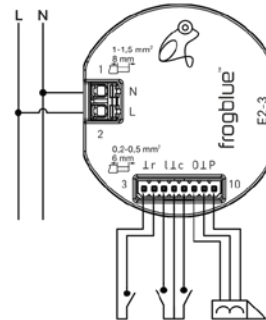
Dimensions and weight

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

Weight: 38 g



Connection example:



Electricity supply

Mains voltage	AC 110–240 V ~
Mains frequency	50 / 60 Hz
Stand-by consumption	< 150 mW

Network

WLAN	No
Bluetooth	Bluetooth 4.2 Low Energy
Frequency range	2400–2483.5 MHz maximum 3.4 dBm
Typical radio open field range	30 metres

Operation and storage

Ambient temperature	-25 ° to +45 °C
Storage temperature	-25 ° to +70 °C
Air humidity (during operation)	(Non-condensing)

Power connection

Connection variants	Latch contact, door contact, bell and motor lock or electric door opener
Connection type	Spring-type terminal (single wire)
Wire cross section	1–1.5 mm ² / 0.2–0.5 mm ² (rigid conductor recommended)
Stripping length	8 mm (1–1.5 mm ²) / 6 mm (0.2–0.5 mm ²)

Packaging

Packaging size	1 unit
EAN 1 unit	4260578530088
Packaging dimensions (L × W × H) 1 unit	75 × 30 × 75 mm
Weight including packaging 1 unit	55 g

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

Further information
www.frogblue.com

