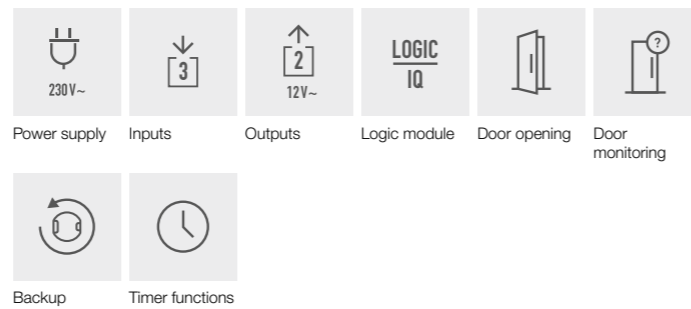


frogEntry2-3

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 according to DIN 49073)

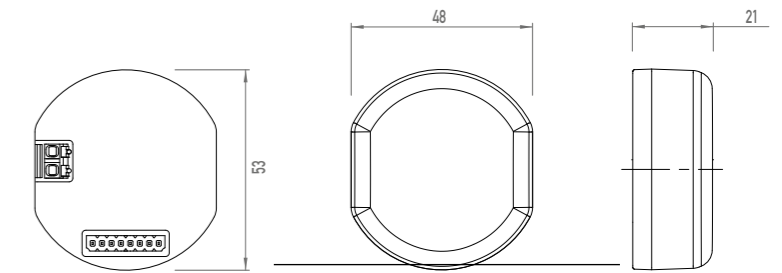
Functions and power

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

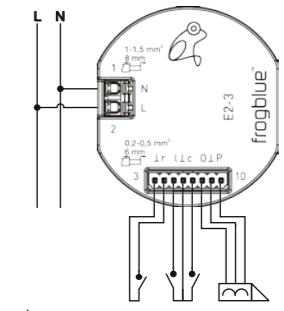
Dimensions (L x B x H): 53 x 48 x 21 mm
Weight: 38 g



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	< 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 mm² / 0.2-0.5 mm² (rigid conductor recommended)
Stripping length	8 mm (1-1.5 mm²) / 6 mm (0.2-0.5 mm²)

Packaging

Packaging size	1 unit
EAN 1 unit	4260578530088
Packaging dimensions (L x W x H) 1 unit	75 x 30 x 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

