frogblue™

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.

230 V~	230 V~	LOGIC IQ			DVE
Power supply	Inputs	Logic module	Backup	Timer functions	VDE

Technical Data

Category

Article description	frogIn3-AC
Item number	I3-AC.02
Assembly type	Recess-mounted (in device socket)

Functions and power

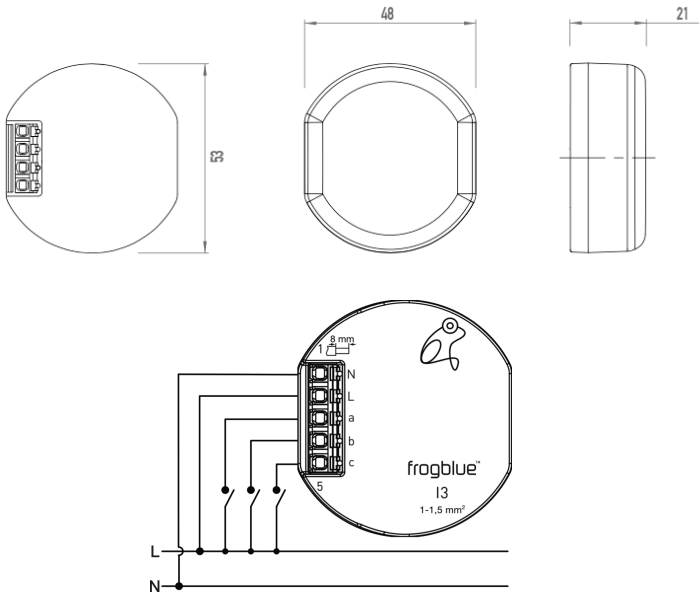|	
Inputs	3 (AC 110–240 V~)
Outputs	-
Outputs can be dimmed	-
Minimum Load LED	-
Max. Power per output	-
Suitable loads	-
Unsuitable loads	-
Output modes	-
Protection category	conforms to IP20
	VDE Test Mark Certifications
Integrated logic module	Yes
Integrated configuration backup	Yes
Comfort and timer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

frogIn3

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

Connection example:

Box depth   min. 53 mm for installation behind switch insert
rec. 63 mm for installation behind switch insert

Individual installation is required for shallower depts.

Electricity 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. 3,5 dBm
Typical radio open field range	30 metres

Operation and storage

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

Power connection

Contact type	-
Connection variants	for, 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
EAN 1 unit	4260578531061
Packaging dimensions (L x B x H) 1 unit	75 x 30 x 75 mm
Weight including packaging 1 unit	42 g

Further information:
www.frogblue.com