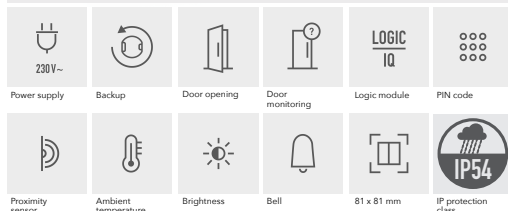# frogblue™

frogAccess1-1

Access control and building control via PIN code with glass touch input. With integrated proximity sensor, brightness sensor, temperature sensor, time buffer. With one input for connecting potential-free contacts and one switching output (230 V~).
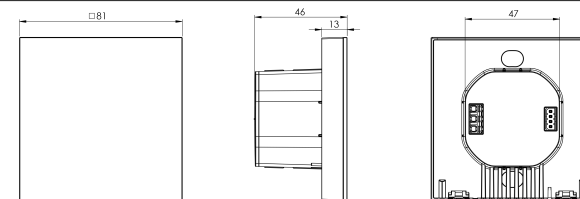

230 V~			?	LOGIC IQ	
Power supply	Backup	Door opening	Door monitoring	Logic module	PIN code
					IP54
Proximity sensor	Ambient temperature	Brightness	Bell	81 x 81 mm	IP protection class

Technical Data

Category
Article designation	frogAccess1-1
Article number	CU-Acc-B1-1.01
Type of assembly	Surface mounted (in device socket)

Functions and power
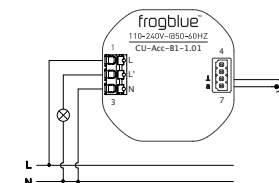|	
Inputs	1; for connecting potential-free contacts (switches, buttons, relays)
Outputs	1
Switching capacity	1200 W / 1200 VA (220-240 V~)
	600 W / 600 VA (110-219 V~)
Microphone	No
Loudspeaker	No
Sound encoder	Yes
Door opening button	Yes
Bell buttons	Yes
Numeric keypad 0-9	Capacitive illuminated keys
Proximity sensor	Yes, maximum range 1 meter
Room temperature sensor	Yes
Brightness sensor	Yes
Integrated logic module	Yes
Configuration backup	Yes
Comfort and timer functions	Yes

frogAccess1-1

Dimensions and weight
Dimensions (L x B x H): 81 x 81 x 12 mm
(Overall height 45 mm)
Weight: app. 100 g

Connection example

Electricity supply
Rated voltage	AC 110-240 V~
Mains frequency	50 / 60 Hz
Typical power consumption	1 Watt

Network
WLAN	No
Bluetooth®	Bluetooth® 4.2 Low Energy
Frequency range	2400-2483.5 MHz max. 2.5 dBm
Typical radio open field range	30 meters

Operation and storage
Ambient temperature	-25°C to +55°C
Storage/transport temperature	-25°C to +70°C
Air humidity (during operation)	(Non-condensing)
IP protection class	IP54

Power connection
Type of contact	µ, closing contact
Connection variants	potential-free switches/buttons, lamps, inductive load, electronic transformers
Connection type	Spring plug-in terminal (single-wire)
Core cross-section	1 - 1,5 mm² (rigid, flexible without ferrule) / 0,2 - 0,5 mm² (rigid)
Max. cable length of the inputs ø 0,5 mm²	100 m
Stripping length	8 mm (1-1,5 mm² / 6 mm (0,2-0,5 mm²)

Packaging
Packaging size	1 unit, 10 units
EAN 1 unit	4260578530347
Packaging dimensions (L x B x H) 1 unit	140 x 130 x 60 mm
Weight including packaging 1 unit	200 g

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

Further information
www.frogblue.com