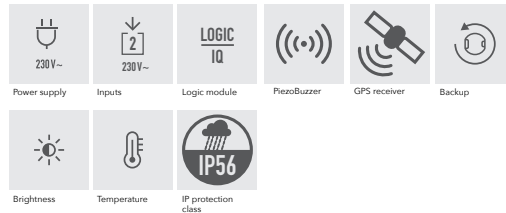# frogblue™

frogBoxGPS0-2

Outdoor control module with integrated GPS receiver for receiving the current date/time and position, with 2 inputs for interrogating buttons and switches (110-240 V ~) and Piezo signal encoder. Additional sensor technology for detecting outdoor temperature and brightness.

230 V~	2 230 V~	LOGIC IQ	((·))	GPS	↺
Power supply	Inputs	Logic module	PiezoBuzzer	GPS receiver	Backup
☀	🌡	IP56			
Brightness	Temperature	IP protection class			

Technical Data

Category

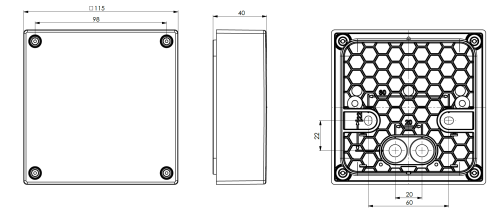|	
Article designation	frogBoxGPS0-2
Article number	B-GPS0-2.01
Type of assembly	Surface mounted (in device socket)

Functions and power

Inputs	2 (110-240 V~)
Outputs	-
Piezo-Buzzer	Yes
Certifications	Bluetooth®
Integrated logic module	Yes
Configuration backup	Yes
Comfort and timer functions	Yes
Brightness sensor	Yes
Temperature sensor	Yes
GPS receiver	GPS, Galileo, GLONASS

frogBoxGPS0-2

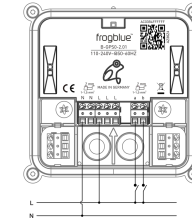#### Dimensions and weight

Dimensions (L x B x H): 115 x 115 x 40 (without gasket)
115 x 115 x 44 (with gasket)

Weight: 315 g

Connection example

Electricity supply

Rated voltage	AC 110-240 V~
Mains frequency	50 / 60 Hz
Typical power consumption	< 300 mW

Network

WLAN	No
Bluetooth®	Bluetooth® 4.2 Low Energy
Frequency range	2400-2483.5 MHz max. 0.6 dBm
Typical radio open field range	30 meters

Operation and storage

Ambient temperature	-25°C to +60°C
Storage/transport temperature	-25°C to +70°C
Air humidity (during operation)	(Non-condensing)
IP protection class	IP56

Power connection

Connection variants	230V; Switches, buttons, etc.
Connection type	Screw terminal (single wire)
Core cross-section	1 - 1,5 mm² (rigid, flexible with ferrule)
Stripping length	7 mm
Quantity cable feed	2 (max. NYM-J 5 x 1,5mm²)

Packaging

Packaging size	1 unit
EAN 1 unit	4260578530484
Packaging dimensions (L x B x H) 1 Stück	130 x 140 x 75 mm
Weight including packaging 1 unit	432g

Further information
www.frogblue.com