frogblue™
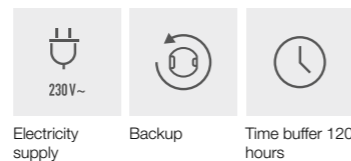
frogClock

Repeater for the frogblue Bluetooth network. With integrated time buffering (RTC) for 120 hours (5 days) during mains power outage.

230 V~	
Electricity supply	Backup	Time buffer 120 hours

Technical data

Category

Article name	frogClock
Article number	SU-RE.01
Assembly type	Recess-mounted (in device socket according to DIN 49073)

Functions and power

Inputs	0
Outputs	0
Outputs can be dimmed	–
Min. load	–
Max. power per output	–
Suitable loads	–
Unsuitable loads	–
Output modes	–
Protection category	Conforms to IP20
Integrated logic module	–
Integrated configuration backup	Yes
Comfort and timer function	–
Power measurement	–
Short circuit detection and notification	–
Time buffer	120 hours (5 days)

frogClock

Dimensions and weight
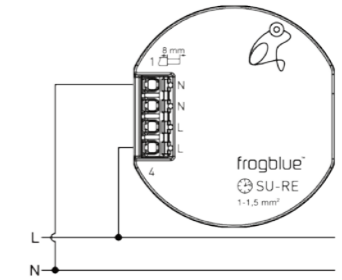
Dimensions (L × W × H): 53 × 48 × 21 mm
Weight: 42 g
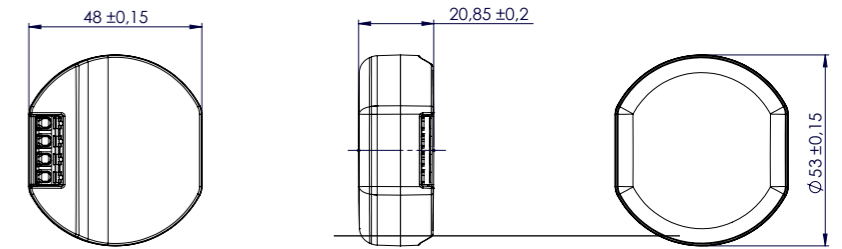
Connection example:

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	110–240 V DC
Mains frequency	50 / 60 Hz
Stand-by consumption	< 200 mW

Network

WLAN	No
Bluetooth	Bluetooth 4.2 Low Energy
Frequency range	2400–2483.5 MHz max. 2.9 dBm
Typical open field range	30 metres

Operation and storage

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

Power connection

Connection type	Spring plug-in terminal
Wire cross-section	1 to 1.5 mm² (rigid conductor recommended)
Stripping length	8 mm

Packaging

Packaging size	1 unit
EAN 1 unit	4260578530422
Packaging dimensions (L × W × H) 1 unit	75 × 30 × 75 mm
Weight incl. packaging 1 unit	60 g

For more information visit:
www.frogblue.com.