

### frogBoxHeat

Multi-channel heating controller for controlling heating regulation. 5 potential-free relay outputs for connecting thermal heating valves or electric radiators and additional virtual outputs for controlling distant frogs. With 2 inputs for detection of buttons and switches (110-240 V~).



#### Technical Data

##### Category

Article designation	frogBoxHeat
Article number	B-Heat.01
Type of assembly	Surface mounted (in device socket)

##### Functions and power

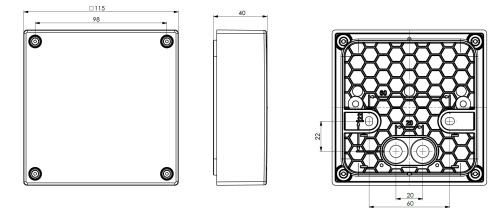
Inputs	2 (AC 110-240 V~)
Outputs	5 potential-free (in 3 galvanically isolated circuits)
Virtual outputs	6; e.g. frogAct1-1
Outputs dimmable	No
Minimum load	-
Maximum power	max. 6 A / 30 VDC max. 6 A / 110-240 V AC
Certifications	Bluetooth®
Integrated logic module	Yes
Configuration backup	Yes
Comfort and timer functions	Yes
Power measurement	No
Temperature sensor	Yes

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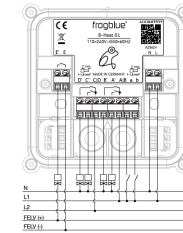
#### Dimensions and weight

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

Weight: 315 g



#### Connection example



#### Electricity supply

Rated voltage	AC 110-240 V~
Mains frequency	50 / 60 Hz
Typical power consumption	<200 mW (without illumination)

#### Network

WLAN	No
Bluetooth®	Bluetooth® 4.2 Low Energy
Frequency range	2400-2483,5 MHz max. 5,0 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

Contact type	μ, N/O contact
Connection variants	230V, Push-buttons, switches, heating valves, electric radiators
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	4260578530811
Packaging dimensions (L x B x H) 1 unit	130 x 140 x 75 mm

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

Further information  
[www.frogblue.com](http://www.frogblue.com)

