frogblue™

frogblue button

frog55-Touch
CU-frog55-T.01

Multifunctional touch button

Intended use

Multifunctional touch button (55 x 55 x 11 mm) with 5 touch buttons and sensors for measuring temperature and humidity. 4 white LEDs for push-button signalling. Replaceable battery CR2450R. Alternative power supply via frogPlug interface.

Available in surface-mounted and flush-mounted versions. A frogPlug is required for commissioning the flush-mounted version.

Safety instructions

Installation and assembly of electrical devices may only be carried out by qualified electricians.
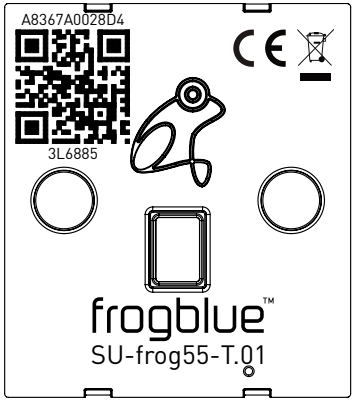
Non-observance of the instructions may cause damage to the device, fire or other hazards!

Risk of electric shock. Before working on the device, disconnect the mains voltage and switch off the automatic circuit breaker.

Country-specific regulations must be observed.

These instructions are part of the product and must remain with the customer.

Device configuration

No direct power connection on the product. Flush-mounted connection via pin strip on the frogPlug or, in the case of the surface-mounted version, it is exclusively battery operated.

Function

System information
This device is a frogblue system product. Detailed expertise gained from frogblue training is required.

The function of the device depends on the software. Detailed information about software versions and the respective scope of functions can be found on the frogblue website.

Technical descriptions, more detailed instructions and information on proper disposal are contained in the manual, which is available on the frogblue website.
Start-up and configuration are carried out with the frogblue app.

Product features:
- 5 touch buttons
- Bluetooth interface
- Brightness, humidity and temperature sensor
- Time buffer
- Supply via battery or frogPlug

Information for qualified electricians

Installation and electrical connection

⚠ **DANGER!**
Electric shock from touching live parts.

Electric shock can be fatal.

Before working on the device, disconnect it from the mains and cover any live parts in the vicinity!
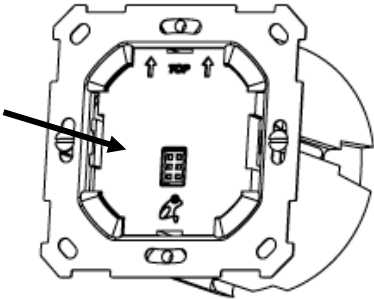
⚠ **DANGER!**
Mains voltage (>50 V) must never be connected to the inputs. This will jeopardise the safety of the entire system! This could put people at risk and destroy equipment and facilities!

The extra low voltage lines must not be routed through the same opening as the low voltage lines into the junction box and should be routed as spatially separated as possible.
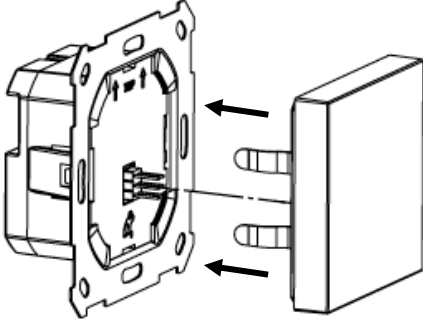
Flush-mounted version

Installing the device

Connect the frogPlug (**not included**) in accordance with the Operating Instructions and fasten in the flush-mounted socket using the supplied metal frame (30.167) and screws.
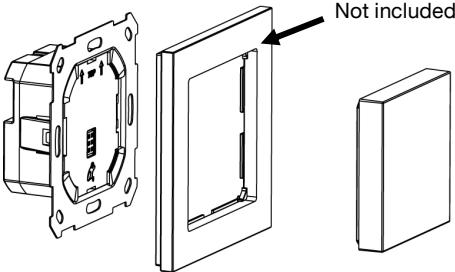

Remove the battery insulator tabs. Attach the frog55 to the frame or the connector of the frogPlug using the two pre-assembled retaining plates.
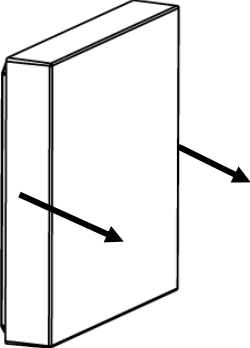

Align the frog55 housing at the sides. Remove the protective film

Matching frame from the switch range used is not included in the scope of delivery; this must be purchased separately.

Not included
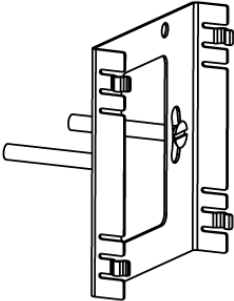

Removing the device

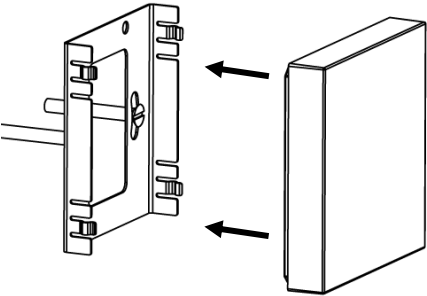Grip the housing at the sides and pull out of the plug-and-socket connection.

Surface-mounted version

Installing the device

Fix the metal frame (30.201) to the required wall position with the supplied screws.
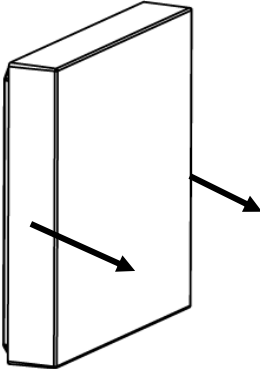

Remove the battery insulator tabs from the frog55. Plug the frog55 onto the metal frame. Observe the correct alignment.

Align the frog55 housing at the sides. Remove the protective film

Removing the device

Grip the housing at the sides and remove from the frame.

Technical data

Operating voltage	3 V
Bluetooth	Bluetooth 4.2 low energy
Frequency range	2400–2483.5 MHz, max. 2.5 dBm
Ambient temperature	-20 to +55 °C
Storage/transportation temperature	-25 to +70 °C
Battery service life	up to 3 years (Temperature refresh rate "normal")
Dimensions (L x W x H)	55 x 55 x 11 mm
Connection type	frogPlug interface

Subject to technical changes.

Warranty

The warranty is provided by specialist dealers within the framework of the statutory provisions.

⚠ Caution

Device contains a lithium battery. Do not dispose of the device by throwing it into a fire or crushing it mechanically.

Declaration of Conformity

frogblue AG, Luxemburger 6, 67657 Kaiserslautern, Germany, hereby declares that this product complies with the fundamental requirements and other relevant conditions of the Directives.

2014/53/EU	RED Directive
2011/65/EU	RoHS Directive

A copy of the Declaration of Conformity is available at: www.frogblue.com