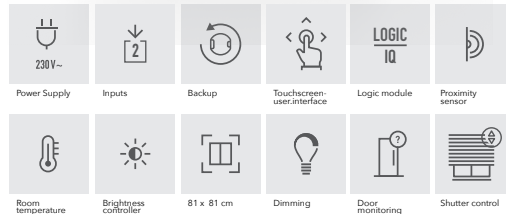


## frogDisplay

The 3,5" frogblue „Smartphone“ with Touchscreen-Control and WLAN-Gateway for the recessed mounting (230 V~). Featuring integrated Proximity Sensor, Brightness Sensor, Microphone, Loudspeaker, Temperature Sensor, Time based Buffering.



### Technical Data

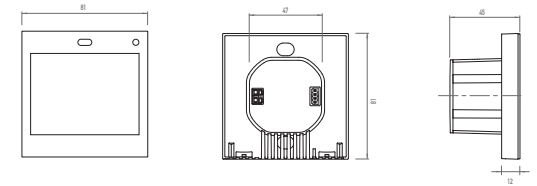
| Category            |                                    |
|---------------------|------------------------------------|
| Article designation | frogDisplay                        |
| Article number      | CU-Dis-A.02                        |
| Type of assembly    | Surface mounted (in device socket) |

| Functions and power             |   |
|---------------------------------|---|
| Inputs                          | 2; for connecting potential-free contacts (switches, buttons, relays) |
| Outputs                         | 0   |
| Microphone                      | Yes   |
| Loudspeaker                     | Yes   |
| Proximity sensor                | Yes, maximum range 1 metre  |
| Room temperature sensor         | Yes   |
| Light sensor                    | Yes   |
| Door opening function           | Yes   |
| Integrated Logic module         | Yes   |
| Integrated configuration backup | Yes   |
| Comfort - timer functions       | Yes   |
| Gateway                         | Bluetooth, WLAN   |

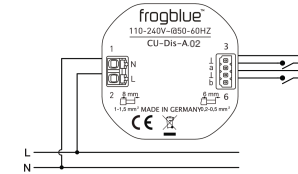
## frogDisplay

### Dimensions and weight

Dimensions (L x B x H): 81 x 81 x 12mm  
(Overall height 45 mm)  
Weight: ca. 130 g



### Connection example



### Display

|            |                       |
|------------|-----------------------|
| Type       | Display Type TFT QVGA |
| Diagonal   | 88 mm (3,5")          |
| Resolution | 320 x 240 px          |

### Electricity supply

|                           |               |
|---------------------------|---------------|
| Mains voltage             | AC 110-240 V~ |
| Mains frequency           | 50 / 60 Hz    |
| Typical power consumption | 3 Watt        |

### Network

|                                |                               |
|--------------------------------|-------------------------------|
| WLAN                           | 2,4 GHz 802.11 b/g/n          |
| Frequency range                | 2400-2483,5 MHz max. 13,2 dBm |
| Bluetooth®                     | Bluetooth® 4.2 Low Energy     |
| Frequency range                | 2400-2483,5 MHz max. 4,5 dBm  |
| Typical radio open field range | 30 metres                     |

### Operation and storage

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature             | -25°C to +45°C   |
| Storage temperature             | -25°C to +70°C   |
| Air humidity (during operation) | (Non-condensing) |

### Power connection

|                                 |   |
|---------------------------------|---|
| Contact type                    | -   |
| Connection variants             | -   |
| Connection type                 | Spring-type terminal (single wire)                    |
| Wire cross section              | 1-1,5 mm² / 0,2-0,5 mm² (rigid conductor recommended) |
| Max. cable length of the inputs | 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                              | 4260578530842     |
| Packaging dimensions (L x B x H) 1 unit | 140 x 130 x 60 mm |
| Weight including packaging 1 unit       | 220 g             |

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

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

