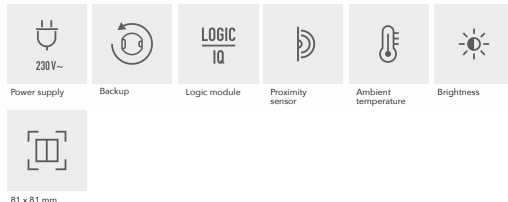


frogMotion1-1

PIR sensor for motion detection in the room by means of passive IR sensor technology. With temperature, brightness and proximity sensor.



Technical Data

Category

Article designation	frogMotion1-1
Article number	CU-Mot-A.01
Type of assembly	Surface mounted (in device socket)

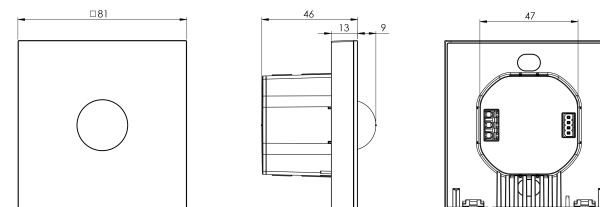
Functions and power

Inoouts	1; for connecting potential-free contacts (switches, buttons, relays)
Outputs	1
Switching capacity	1200 W / 1200 VA (220-240 V~) 600 W / 600 VA (110-219 V~)
Microphone	Yes
Loudspeaker	No
Sound encoder	No
Intercom function	No
Proximity sensor	Yes, maximum range 1 meter
Room temperature sensor	Yes
Brightness sensor	Yes
Integrated logic module	Yes
Configuration backup	Yes
Comfort and timer functions	Yes
Passive infrared sensor (PIR sensor)	Yes

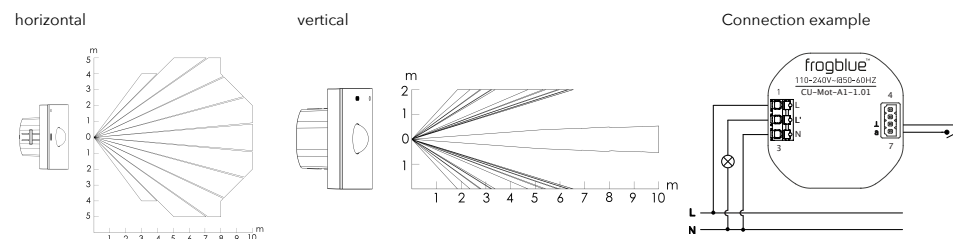
frogMotion1-1

Dimensions and weight

Dimensions (L x B x H): 81 x 81 x 12 mm
(Overall height 45 mm)
Weight: ca. 100 g



Detection zone



Electricity supply

Rated voltage	AC 110-240 V~
Mains frequency	50 / 60 Hz
Typical power consumption	1 Watt

Network

WLAN	No
Bluetooth®	Bluetooth® 4.2 Low Energy
Frequency range	2400-2483.5 MHz max. 0.1 dBm
Typical radio open field range	30 meters

Operation and storage

Ambient temperature	-25°C bis +55°C
Storage temperature	-25°C bis +70°C
Air humidity (during operation)	(Non-condensing)

Power connection

Type of contact	μ, closing contact
Connection variants	potential-free switches/buttons, lamps, inductive load, electronic transformers
Connection Type	Spring plug-in terminal (single-wire)
Core cross-section	1 - 1,5 mm ² (rigid, flexible without ferrule) / 0,2 - 0,5 mm ² (rigid)
Max. Cable length of the inputs ø 0,5 mm ²	100 m
Stripping length	8 mm (1-1,5 mm ² / 6 mm (0,2-0,5 mm ²))

Packaging

Packaging size	1 unit, 10 units
EAN 1 unit	4260578530323
Packaging dimensions (L x B x H) 1 unit	140 x 130 x 60 mm
Weight including packaging 1 unit	200 g

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

Further information
www.frogblue.com

