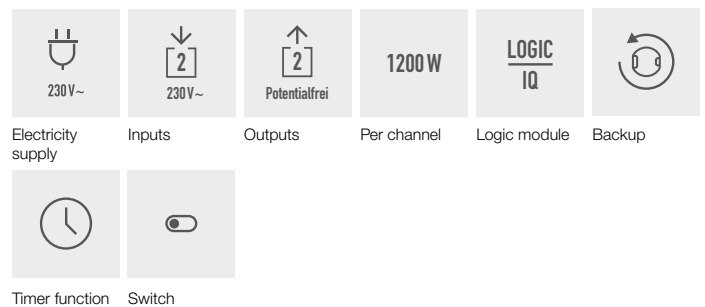


frogRelay2-2-PF

Multifunctional 2-channel relay switch with 2 potential-free outputs. With 2 inputs to query buttons and switches (110-240 V ~). Featuring integrated logic module with comfort and timer functions and power measurement.



Technical Data

Category

Article designation	frogRelay2-2-PF
Article number	R2-2-PF.01
Assembly type	Recess-mounted (in device socket)

Functions and power

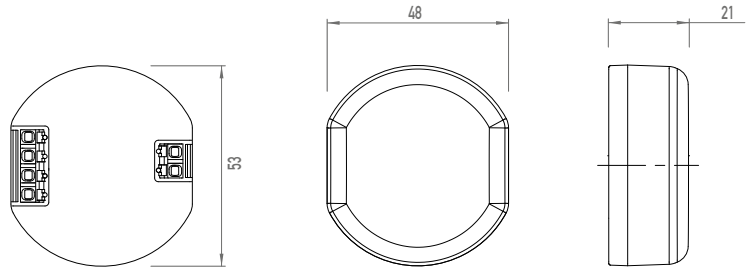
Inputs	2 (AC 110–240 V ~)
Outputs	2 (potential-free)
Outputs can be dimmed	No
Minimum load	–
Maximum Power per channel	U _v (resistive load) maximum 6 A / 30 V DC maximum 2.5 A / 50 V DC maximum 6 A / 110-240 V AC; U _v (inductive load @ cos φ=0.4) maximum 3 A / 30 V DC maximum 0.8 A / 50 V DC maximum 5 A / 110-240 V AC
Protection category	Conforms to IP20
Motor control	Yes
Integrated logic module	Yes
Integrated configuration backup	Yes
Comfort and timer functions	Yes
Power measurement	No
Short circuit detection and notification	No

frogRelay2-2-PF

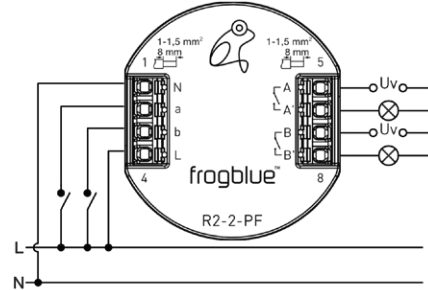
Dimensions and weight

Dimensions (L × W × H): 53 × 48 × 21 mm

Weight: 50 g



Connection example:



Electricity supply

Mains voltage	AC 110–240 V ~
Mains frequency	50 / 60 Hz
Stand-by consumption	< 220 mW

Network

WLAN	No
Bluetooth	Bluetooth 4.2 Low Energy
Frequency range	2400–2483.5 MHz maximum -0.2 dBm
Typical radio open field range	30 metres

Operation and storage

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

Power connection

Contact type	µ normally open contact
Connection variants	roller blind/roller shutter motor, lamps, buttons, switches etc.
Connection type	Spring plug-in terminal
Wire cross section	1–1.5 mm ² (rigid conductor recommended)
Stripping length	8 mm

Packaging

Packaging size	1 unit
EAN 1 unit	4260578530460
Packaging dimensions (L × W × H) 1 unit	75 × 30 × 75 mm
Weight including packaging 1 unit	70 g

