2-Channel Relay

REL-02

2-Channel Relay is used to break the phase (L) to one or two separate loads, usually for lighting. It has two relay outputs with a total breaking capacity of up to 16 A (e.g., 10 + 6 A) and zero crossing switching/breaker protection. It has two separate inputs for control using a push button, light switch, or motion sensor. The product can be controlled wirelessly via the app or through other products from Plejd. It can also be controlled automatically with built-in time functions such as timer and astro/time schedule.



Technical data

Mains electricity	230 V~ 50 Hz
Standby power	0.3 W
External operating temperature	-25 to +35 °C
Dimensions	46x46x18 mm
Type of switching	Relay Micro gap (μ)
Protection	Overtemperature software Zero crossing switching (breaker protection)
Cable area	Connections: 0.5–4.0 mm²

Radio

2.4 GHz mesh Bluetooth® <10 dBm	Radio range: Approx. 10 m indoors. The Plejd mesh technology extends the range by allowing the units to communicate with each other.

Install the product in the appliance box behind the push button/box lid or secure it with a Mounting Clip (MNT-01, not included) on the wall or DIN rail.

Load	PF	Rated output*	VA*	Current*
Halogen/incandescent (230 V)	1	3,500 W	3,500	16 A
LED loads	0.9	800 W	1,000	4 A
Fluorescent lamp uncompensated	0.3	700 W	2,300	10 A
Fluorescent lamp compensated	0.85	1,500 W	1,750	8 A
Low-voltage halogen electronic	0.8	1,500 W	1,750	8 A
Low-voltage halogen conventional	0.95	1,200 W	1,200	5 A
Low-energy lamps	0.6	500 W	800	4 A

*Distributed on both outputs.

