

EVOLEC



WIFI



SMART LIFE



TUYA SMART



WIFI CIRCUIT BREAKER
ELWB-P-2P 63A

WIFI Circuit Breaker








ELWB-P-2P 63A

General

The intelligent remote-control switch is suitable for users or loads with AC50Hz/60Hz, rated operating voltage of 230V, and rated working current of 63A and below. It has a beautiful appearance, excellent performance, and reliable operation. It can quickly switch on/off and is installed with a modular rail. It is mainly used in homes, shopping malls, office buildings, hotels, Schools, hospitals, villas, and other places.



Features

-  Smart WIFI Remote control: mobile phone APP or computer remote control opening/closing.
-  Timing: delay opening/closing.
-  Sharing control: can share control with multiple people.
-  Real-time feedback: real-time feedback of product opening/closing status.
-  Voltage and Current meter.
-  Voltage and Current protection.
-  Auto-closing: The product can automatically close the circuit when power is supplied during normal operation on the line, and can also be set to not close the circuit when power is supplied.

 Standards: IEC/EN 60947, IEC/EN 50557, EN 301 489, EN 300 328, IEC/EN 61000

Technical data

Parameter	Data
Rated working voltage:	AC230V
Rated current In:	1-63A
Rated frequency:	50/60 Hz
Electrical life	100000 on/off times.
Power consumption:	<3W.
Working voltage range:	AC110V-280V.
Wiring:	Using clamp terminals, the cross-sectional area of the wire can reach 16mm
Installation:	Installed on a standard TH35 rail.
RS485 communication:	Baud rate: 9600
communication address range:	1-247

WiFi Circuit Breaker

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Working environment

- Ambient air temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$, the average value within 24 hours does not exceed $+35^{\circ}\text{C}$
- Limiting service temperature: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Altitude: The altitude of the installation site does not exceed 2000 meters
- Humidity:



- 1.When the ambient air temperature is $+40^{\circ}\text{C}$, the relative humidity of the air should not exceed 50%, and there can be a higher relative humidity at a lower temperature.
- 2.When the monthly average minimum temperature of the wettest month is 25°C , the monthly average relative humidity is 90%.
- 3.Condensation on the product surface due to temperature changes has been taken into account.
 - Pollution degree: Level 2
 - Installation Category: Class II and III.

Overall and mounting dimensions(mm)



Connection

Rating	Tightening torque	Copper cables	
		Rigid	Flexible or ferrule
1 - 50A	1.8 N.m		
63A	1.8 N.m	1 - 16mm ²	1 - 10mm ²
		16mm ²	/

11mm
 M4 PZ2

