Modular DIN Rail
YCSi Smart Circuit Breaker

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 modular rail. It is mainly used inhomes, shopping malls, office buildings, hotels,schools, hospitals, villas, and other places.

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Selection

YCSi	L	-	40	W	J	Plus	1P+N	16A
Model	Protection function		Shell frame	Communication	Functions	Version	Number of poles	Rated current
Smart switch	/: No L: With leakage protection		40 63	W: WiFi Z: ZigBee	/: No J: Metering	/: General P: Plus	1P+N 2P	40A 63A

Note: 40 frame is with no leakage protection The Plus enhanced version has adjustable functions for current, overvoltage,temperature, undervoltage, and leakage values

Features

- 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.
- Remote control: mobile phone APP or computer remote control opening/closing.
- Real-time feedback: real-time feedback of product opening/closing status.
- Timing: Timing, delay opening/closing.
- Sharing control: can share control with multiple people.
- Residual current protection: When the leakage current exceeds the set value or personal electric shock (with leakage protection), the protector automatically disconnects within 0.1s.
- With metering function: can display voltage, current, power, and electricity.

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Technical data

Rated working voltage	AC230V
Rated current In	1-40A/1-63A
Life	Electrical life 100000 on/off times
Local power consumption	<3W
Working voltage range	AC110V-280V
Maximum rated output current	40A/63A
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

Working environmen

Ambient air temperature	-5℃~+40℃, the average value within 24 hours does not exceed +35℃
Limiting service temperature	-25℃~+70℃
Altitude	The altitude of the installation site does not exceed 2000 meters
Humidity	a. When the ambient air temperature is +40°C, the relative humidity of the air should not exceed 50%, and there can be a higher relative humidity at a lower temperature. b. When the monthly average minimum temperature of the wettest month is 25°C, the monthly average relative humidity is 90%. c. 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)