TUYA wifi
Communication methods

WIFI circuit breaker

IEC/EN 61009-1、GB/T 16917.1

GWS9

GWS9 intelligent WIFI circuit breaker is suitable for real-time monitoring of voltage, current, power rate, temperature, etc. in lines with a rated working voltage range of 90-240V and a rated current up to 40A. It has metering function, remote control, timing control, prepayment, as well as overvoltage, undervoltage, overload, overtemperature, and overpower protection functions. Suitable for various places such as industry, commerce, high-rise buildings, and residential buildings

- Mobile remote control Tuya APP Operation.
- High quality materials such as copper connectors, flame-retardant PA66 shells, and high-performance chip modules are durable and reliable.
- Silicone rubber button, comfortable to operate, stylish design.

Product Model And Implication

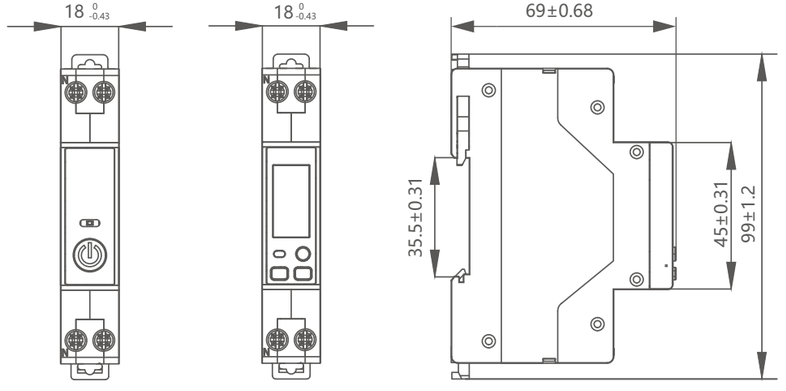
GWS9	□
Product Model	Product Type
WIFI MCB	W: Button DW: LCD display

Technical Specification

Project	Product model	
	GWS9-W	GWS9-DW
Rated working voltage range	90V~240V	90V~240V
Number of poles	1P+N	1P+N
Max over current	63A(3~10)s	63A(3~10)s
Rated current	1~40A current adjustable	1~40A current adjustable
Communication methods	TUYA wifi	TUYA wifi
Operating ambient temperature	-25°C~70°C	-25°C~70°C
Ultimate short-circuit capacity	500A	500A
Electrical lifespan	≥10000	≥10000
Mechanical lifespan	≥100000	≥100000
Closing time	<20ms	<20ms
Opening time	<20ms	<20ms
Display screen	/	LCD

Functional parameters

No.	Protection function	trip type	Parameter settings	Settings	factory default
1	Overvoltage protection	Turn off/ Alarm/Trip	Overvoltage adjustment	250~350V	280V
			Overvoltage delay	0~10s	
2	Undervoltage protection	Turn off/ Alarm/Trip	Undervoltage adjustment	80~200V	165V
			Under voltage delay	0~10s	
3	Overload protection	Turn off/ Alarm/Trip	Overload adjustment	1~63A	50A
			Overload delay	3~10s	
4	High temperature protection	Turn off/ Alarm/Trip	high temperature adjustment	0~120°C	80°C
			High temperature delay	0~10s	
5	Over power protection	Turn off/ Alarm/Trip	Overpower value	50W~11Kw	off
			Over power delay	0~10s	

Outline Overall And Installing Dimensions

GWS9-W GWS9-DW