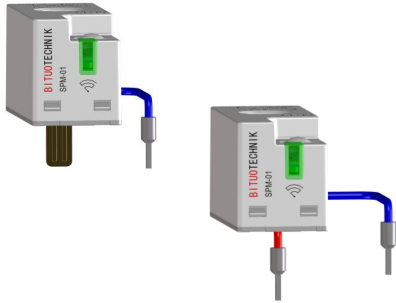


## SPM-01 Miniature Energy Meters



SPM-01 smart power monitor is an add-on device to circuit breakers for electrical measurement. It can monitor key electrical figures accurately. Its users will receive at least the following benefits

- Measuring of Voltage, Current, Power, Power Factor, Energy
- High-precision of energy measurement within tolerance 1%
- Larger inner hole diameter supporting 16 mm<sup>2</sup> cable
- No space required at Din-rail during product installation

### Technical data



Plug-into terminal



Flexible-around cable

#### Main

Rated voltage $U_n$	220~240VAC, 50/60Hz	220~240VAC, 50/60Hz
Maximum monitoring current	63A (1P+N)	63A (1P+N)
Type of measurement	U, I, P, Pf, E	U, I, P, Pf, E
Accuracy class	Class 1.0 $\pm$ 1%	Class 1.0 $\pm$ 1%
Over-voltage category	III	III
Rated insulating voltage $U_i$	250V	250V
Pollution degree	2	2
Protection degree	IP20	IP20
Fitted miniature circuit breaker	Siemens/ABB/Hager/Eaton/Legrand All	

#### Complementary

Wireless communication type	Zigbee   Wifi	Zigbee   Wifi
Inner hole diameter	9.8 mm	9.8 mm
Mounting type	Plug-into terminal	Flexible around cable
Size (Length x Width x Height)	46.8 mm x 17.6 mm x 21.3mm	46.8 mm x 17.6 mm x 21.3mm
Electromagnetic compatibility	Immunity: IEC/EN 61000-6-1 Emission: IEC/EN 61000-6-3	Immunity: IEC/EN 61000-6-1 Emission: IEC/EN 61000-6-3

#### Key indicator at APP

Energy measurement	Accumulated energy   Hourly   Daily   Monthly
Current measured key data	Voltage, Current, Power

### Ordering code

	Mounting type	Installation	Maximum monitoring current	communication type	IoT platform	Ordering number	Package Qty.
	Plug-into terminal	Top	63A	Wifi	Tuya	SPM01-U1TW	1 pcs
	Plug-into terminal	Top	63A	Zigbee	Tuya	SPM01-U1TZ	1 pcs
	Plug-into terminal	Bottom	63A	Wifi	Tuya	SPM01-B1TW	1 pcs
	Plug-into terminal	Bottom	63A	Zigbee	Tuya	SPM01-B1TZ	1 pcs
	Flexible around cable	Top	63A	Wifi	Tuya	SPM01-U2TW	1 pcs
	Flexible around cable	Top	63A	Zigbee	Tuya	SPM01-U2TZ	1 pcs
	Flexible around cable	Bottom	63A	Wifi	Tuya	SPM01-B2TW	1 pcs
	Flexible around cable	Bottom	63A	Zigbee	Tuya	SPM01-B2TZ	1 pcs