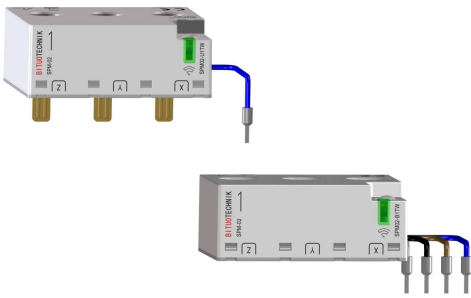


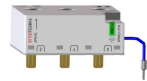
SPM-02 Smart Energy Sensors



SPM-02 smart energy sensor is an monitoring device that can be installed in electrical power distribution board without occupancy of space at DIN rail. It can monitors key electrical figures at real time, send alarm message and create automation together with other smart devices.

- Real-time measuring of Voltage, Current, and Power
- High-precision of energy measurement within tolerance 1%
- Larger inner hole diameter supporting 16 mm² cable
- Flexibly installed at upper/bottom side of protection devices

Technical data



Mounted on MCB



Hanging on cable

Main

Rated operating voltage U_n	380~415VAC, 50/60Hz	380~415VAC, 50/60Hz
Maximum monitoring current	63A (3P+N)	63A (3P+N)
Type of measurement	U, I, P, Pf, E	U, I, P, Pf, E
Accuracy class	Class 1	Class 1
Over-voltage category	III	III
Rated insulating voltage U_i	440V	440V
Pollution degree	2	2
Protection degree	IP20	IP20
Fitted miniature circuit breaker	Siemens/ABB/Hager/Eaton/Legrand All	


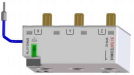


Complementary

Wireless communication type	Zigbee Wifi	Zigbee Wifi
Inner hole diameter	9.8 mm	9.8 mm
Mounting type	Mounted on MCB	Hanging on cable
Size (Length x Width x Height)	46.8 mm x 52.8mm x 21.3 mm	46.8 mm x 52.8mm 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 indicators at App

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

Ordering code

	Mounting type	Installation	Maximum monitoring current	communication type	Ordering number	Package Qty.
	Mounted on MCB	Upstream	63A	Wifi	SPM02-U1TW	1 pcs
	Mounted on MCB	Upstream	63A	Zigbee	SPM02-U1TZ	1 pcs
	Mounted on MCB	Downstream	63A	Wifi	SPM02-D1TW	1 pcs
	Mounted on MCB	Downstream	63A	Zigbee	SPM02-D1TZ	1 pcs
	Hanging on cable	Upstream	63A	Wifi	SPM02-U2TW	1 pcs
	Hanging on cable	Upstream	63A	Zigbee	SPM02-U2TZ	1 pcs
	Hanging on cable	Downstream	63A	Wifi	SPM02-D2TW	1 pcs
	Hanging on cable	Downstream	63A	Zigbee	SPM02-D2TZ	1 pcs