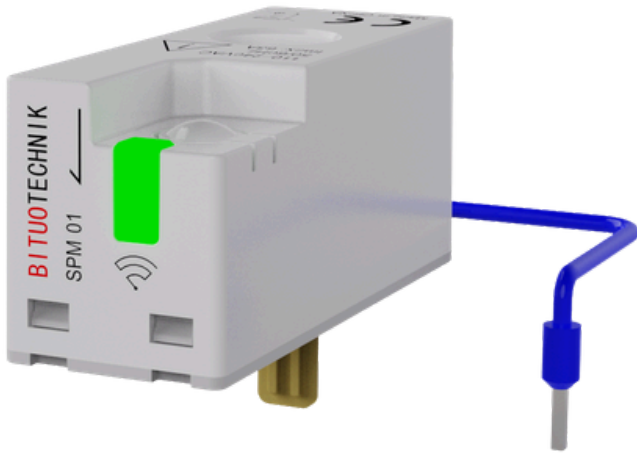


SPM01 MCBM

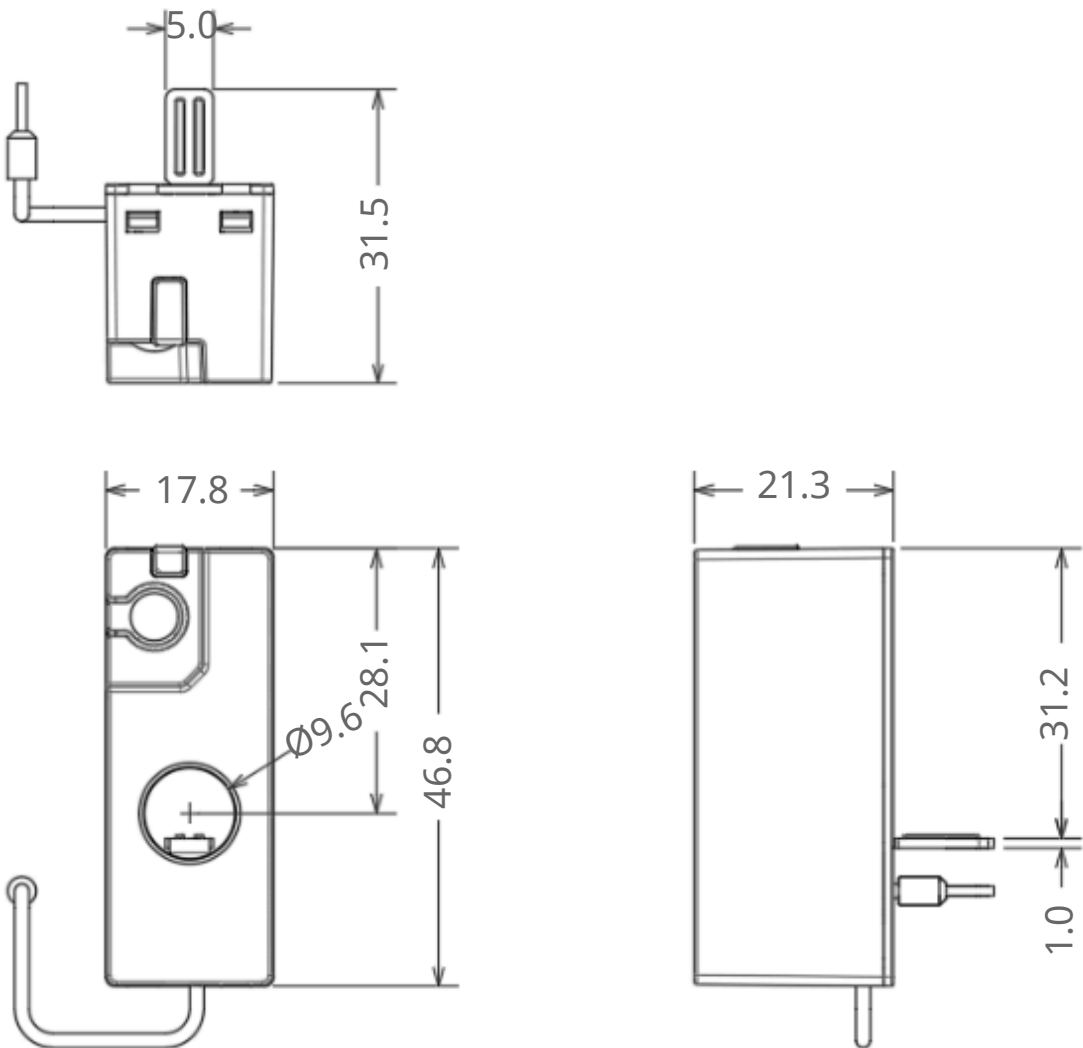
1-Phase 63A MCB-Mounting Miniature Energy Meter

The SPM01 Miniature Energy Meter (MCB-mounting version) is specifically designed for seamless integration with miniature circuit breakers (MCBs). It ensures easy and efficient energy monitoring within existing electrical systems, delivering real-time data and precise measurement.



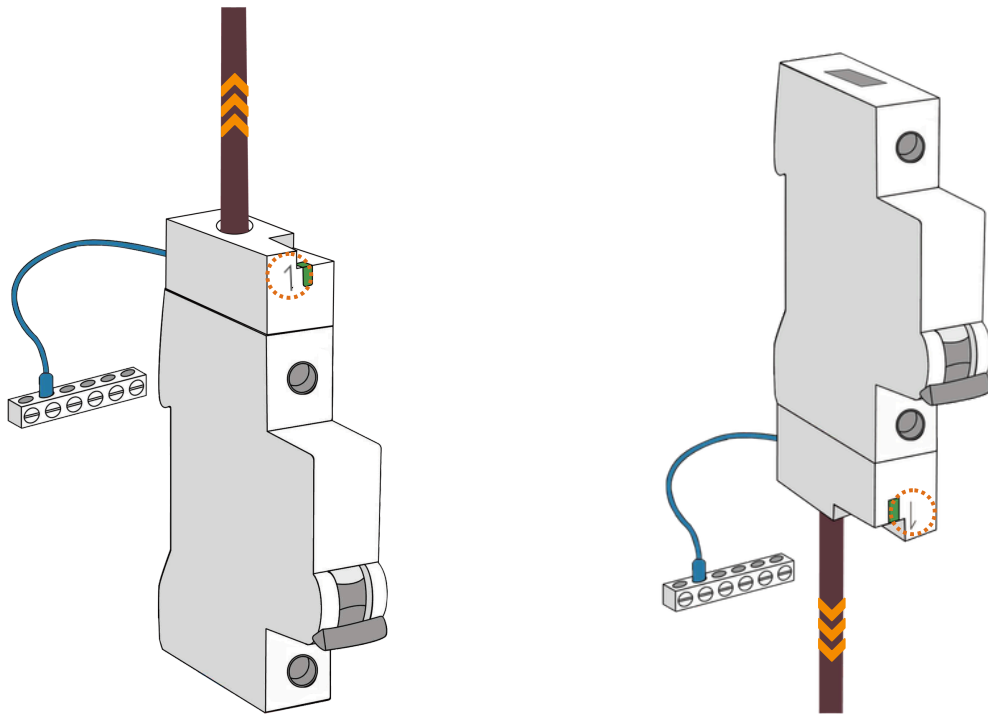
Technical Data

Rated voltage	220-240 VAC, 50/60 Hz
Max monitoring current	63A
Over-voltage category	III
Rated insulating voltage	250V
Rated impulse withstand voltage	4kV
Pollution degree	3
Protection degree	IP20
Measurement accuracy	±1%
Maximum power consumption	≤ 2VA
Rated operating temperature	-25°C to 70°C
Dimension	46.8x17.8x21.3mm
Communication Type	BLE; Wi-Fi; Zigbee

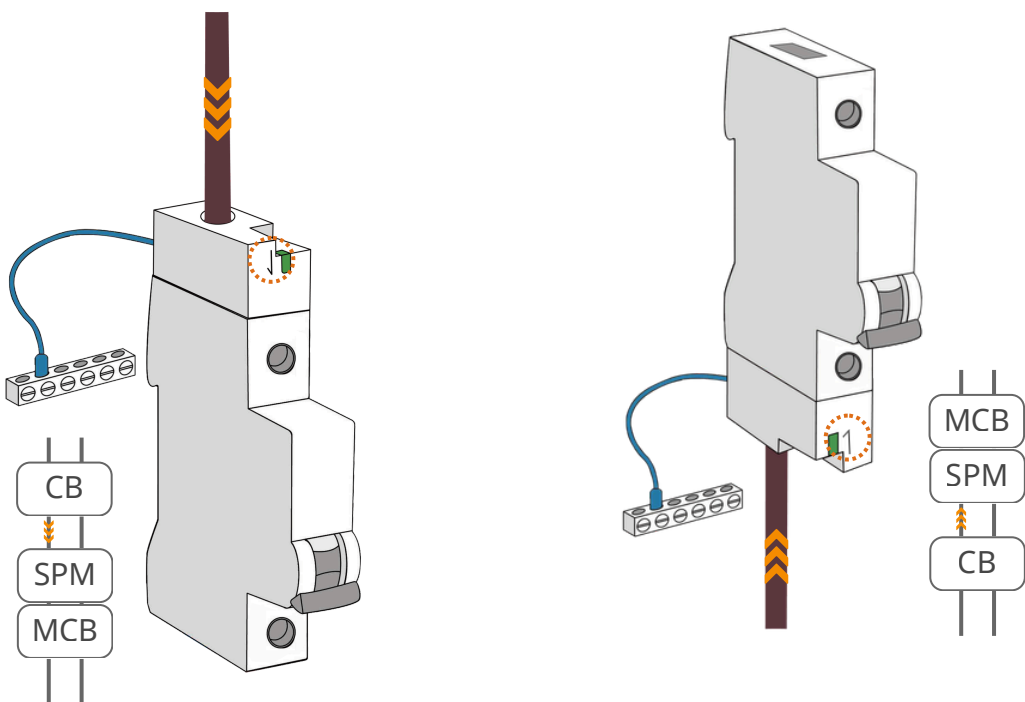


Wiring Diagrams

Downstream Installation



Upstream Installation



Remark

- 1) The device must be associated with an easily accessible upstream protective devices – such as miniature circuit breakers (MCB).
- 2) ⚠ The device must be installed, operated, serviced, and maintained ONLY by qualified professionals. Please read the user guide carefully before installation. The user guide is a separate document from the datasheet.
- 3) The manufacturer has only verified the compatibility of SPM01 MCBM with Siemens 5SY/5SL series, including tests on wiring capacity, thermal performance, and mechanical fit etc. The flexible version is recommended if you are unsure about MCB-mounting compatibility with your circuit breakers.

Ordering Code

Downstream Installation

SPM01-D1TW	1PN MCBM-DI/63A Tuya Wi-Fi
SPM01-D1TZ	1PN MCBM-DI/63A Tuya Zigbee
SPM01-D1EW	1PN MCBM-DI/63A Open BLE+Wi-Fi
SPM01-D1TZ-U01	1PN MCBM-DI/63A Standard Zigbee

Upstream Installation

SPM01-U1TW	1PN MCBM-UI/63A Tuya Wi-Fi
SPM01-U1TZ	1PN MCBM-UI/63A Tuya Zigbee
SPM01-U1EW	1PN MCBM-UI/63A Open BLE+Wi-Fi
SPM01-U1TZ-U01	1PN MCBM-UI/63A Standard Zigbee