

SPM02 FLEX

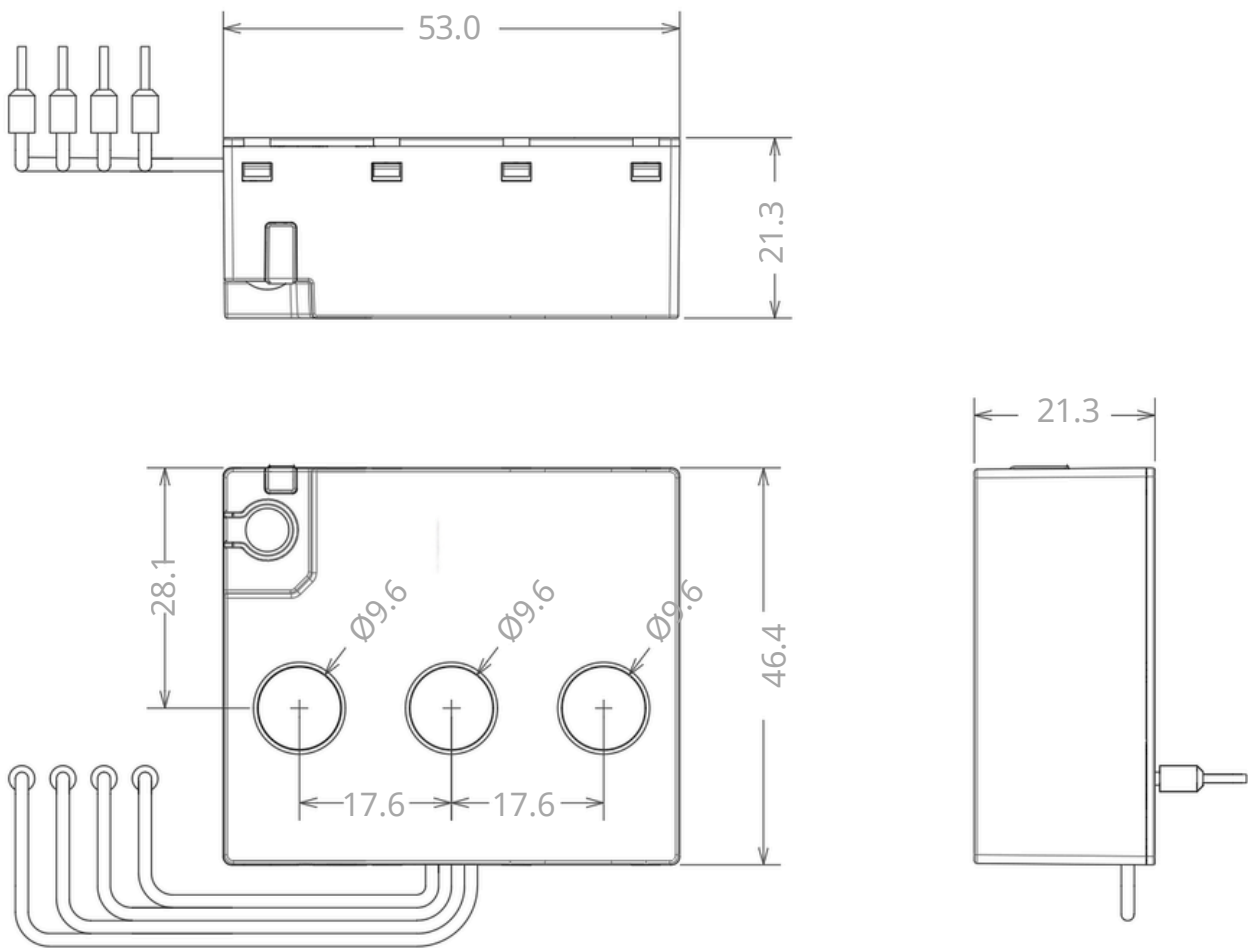
3-Phase 63A Flexible-Installation Miniature Energy Meter

The SPM02 Miniature Energy Meter (Flexible version) is an advanced electrical monitoring device designed for three-phase applications. With its compact size, it is ideal to installed above or below circuit breakers, requiring no space on Din-rails. The SPM02 offers precise, real-time data collection for energy consumption, ensuring seamless integration into energy management systems.

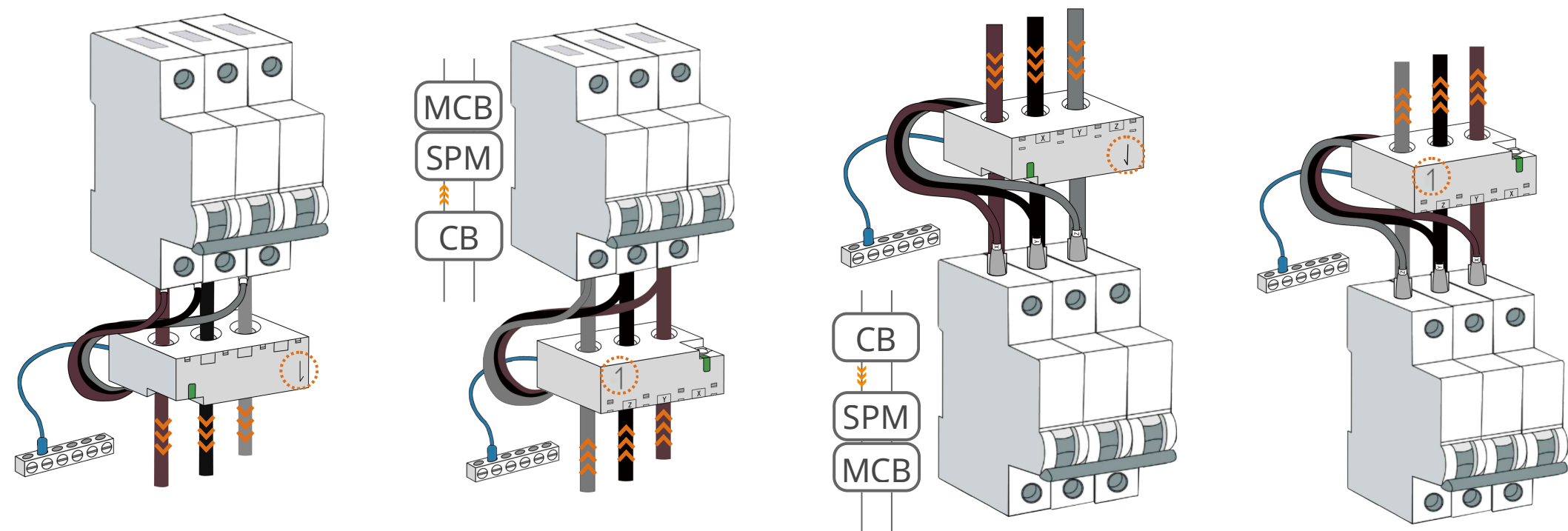


Technical Data

Rated voltage	220-240 VAC L-N, 50/60 Hz 380-415 VAC L-L, 50/60 Hz
Max monitoring current	63A
Over-voltage category	III
Rated insulating voltage	440V
Rated impulse withstand voltage	4kV
Pollution degree	3
Protection degree	IP20
Measurement accuracy	Class 1 (active energy)
Maximum power consumption	≤ 2VA
Rated operating temperature	-25°C to 70°C
Dimension	46.4x53.0x21.3mm
Communication Type	BLE; Wi-Fi; Zigbee



Wiring Diagrams



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.

Ordering Code

SPM02-D2TW	3PN FLEX/63A Tuya Wi-Fi	SPM02-D2EW	3PN FLEX/63A ESP32 Wi-Fi
SPM02-D2TZ	3PN FLEX/63A Tuya Zigbee	SPM02-D2TZ-U01	3PN FLEX/63A Std. Zigbee