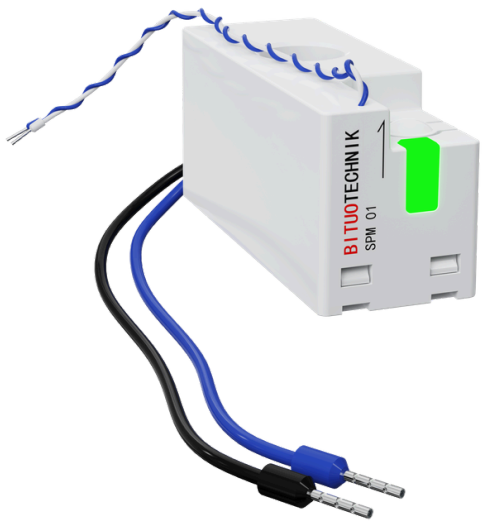


SPM01R FLEX

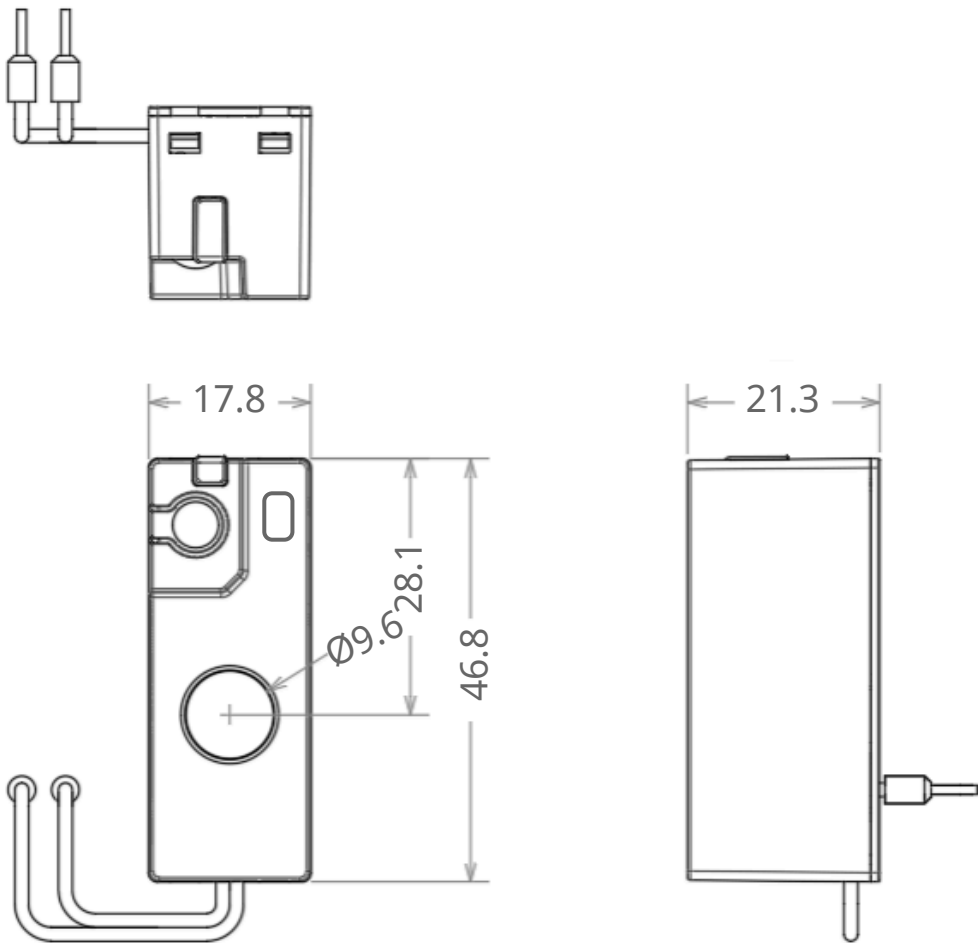
1-Phase 63A Flexible-Installation Miniature Energy Meter

The SPM01R Miniature Energy Meter (Flexible Version) is the perfect solution for retrofit projects and installations with space constraints. Requiring no DIN-rail space, this flexible meter features robust Modbus RTU (RS485) communication, delivering precise, real-time 1-phase energy data through a secure and reliable wired network.

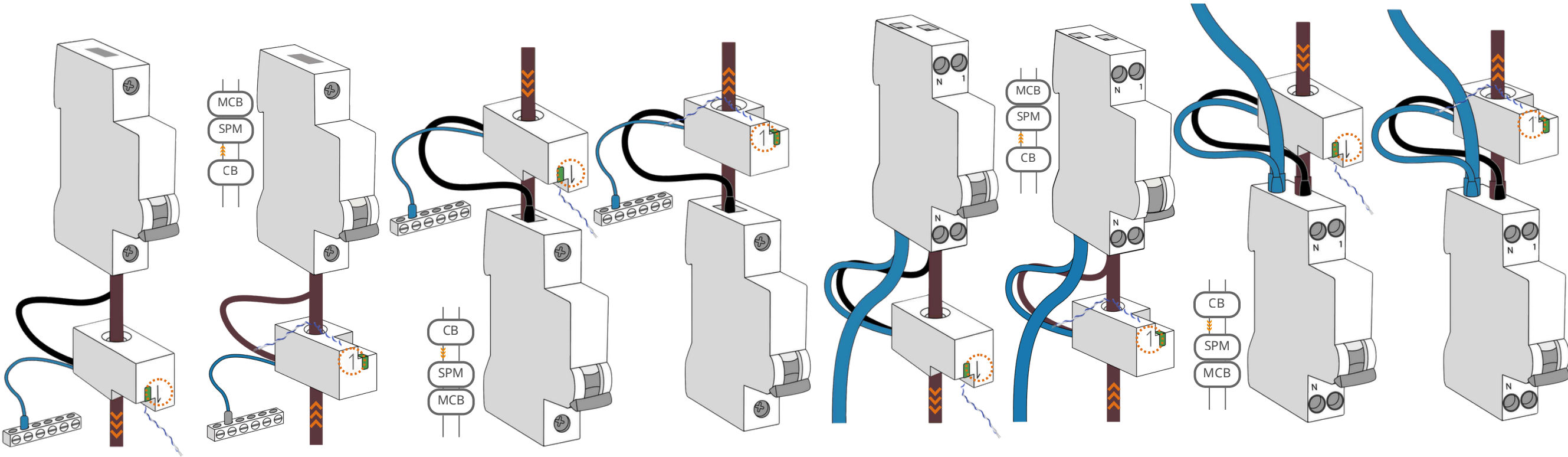


Technical Data

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 55°C
Dimension	46.8x17.8x21.3mm
Communication Type	Modbus RTU (RS485)



Wiring Diagrams



- Remark
- 1) The device must be associated with an easily accessible upstream protective device – 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 device comes with 400mm twisted white (RS485-A) and blue (RS485-B) wires. For long-distance RS485 communication, it is recommended to trim these wires short and splice them to a standard shielded twisted-pair cable.

Ordering Code

SPM01-D2M1 | 1PN FLEX/63A Modbus RTU