

SRS01 2PM

Dual-Channel Smart Relay Switch with Independent Power Monitoring

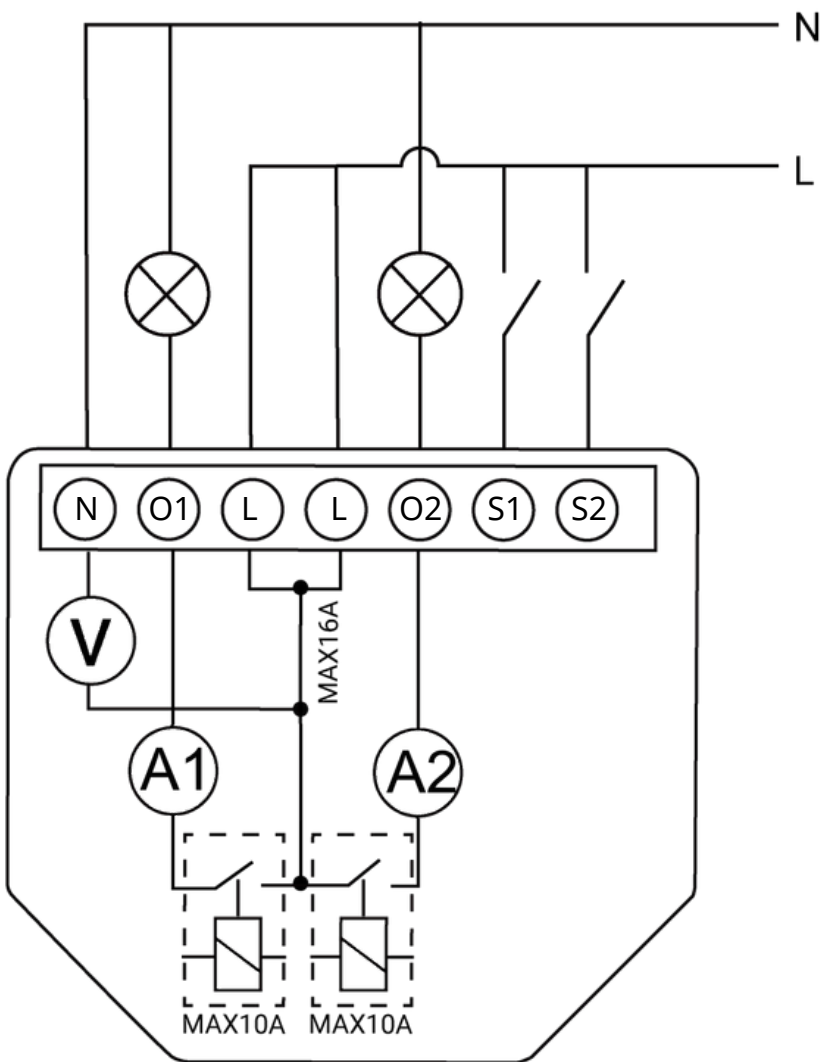
SRS01 2PM is a compact dual-channel relay switch featuring independent power monitoring and wireless connectivity. It allows real-time control and monitoring of two separate AC loads, making it suitable for dual-circuit automation scenarios.



Ordering Code

SRS01-P2TW	2×10A, Tuya Wi-Fi
SRS01-P2EU	2×10A, Open BLE+Wi-Fi <-> Zigbee
SRS01-P2SZ	2×10A, Standard Zigbee

Wiring Diagrams



Technical Data

Rated voltage	110–240 VAC, 50/60 Hz
Max switching load	10A per channel, max 16 A total (Resistive)
Type of switching	Relay, Micro gap (μ)
Dimensions	38×42×16mm
Rated operating temperature	-20 to 40°C
Conductor cross section	24 to 14AWG / 0.2 to 2.5mm ²
Conductor stripped length	6 to 7mm
Screw terminals max torque	0.4Nm
Measurement accuracy	±2% (Active energy)
Connectivity	BLE; Wi-Fi; Zigbee

Nominal power of typical loads per channel^{1) 2)}

Incandescent & halogen lamps	800 W
LED lamps ³⁾⁴⁾	240 W
Fluorescent lamps	200 VA

Remarks

- 1) If you are unsure about the load type or its impact on the smart relay switch, please contact our technical support.
- 2) Individual channel value based on 220–240 VAC power supply.
- 3) Inrush current $I_{on} \leq 32 \text{ A} / 5 \text{ ms}$
- 4) Due to variations in lamp electronics and manufacturers, the maximum value of controllable lamps may vary.