

XS4 Sense Controller

The XS4 Sense Controller is the central device designed to manage energy consumption within a room efficiently. Connected directly to the main power supply, it communicates seamlessly with both the multisensor and door/window sensors to implement intelligent energy-saving scenarios. Featuring a DIN rail mounted design, the XS4 Sense controller enhances energy management by automatically switching off power to air conditioning and lighting when the room is unoccupied – effectively eliminating wasted energy.



Features

- Wide range AC input allows deployment in regions with 110–230V mains. Designed to run directly from the room's power supply without external adapters.
- Compact, 4 module DIN rail form factor for straightforward mounting inside electrical cabinets. Leaves space for neat wiring and auxiliary protection devices.
- Two integrated 1A relays provide low current switching to drive contactors for AC/lighting. Helps separate control from power circuits for safer operation.
- Dual antenna design enhances Wi-Fi and Bluetooth communication:
- Onboard Wi-Fi enables direct communication to the XS4 Sense Local Appliance Server (only under online mode). Simplifies setup without needing a wired Ethernet drop.
- Bluetooth provides a low energy, short range link to peripheral sensors to trigger the change scenario. Supports quick pairing and responsive updates from room devices.
- Integrated metering tracks real-time current and consumption of up to 16A on the monitored line(s). Facilitates energy-saving strategies and diagnostic insight.
- Dedicated interface to the Salto InRoomNode (C08) for seamless ecosystem integration with Salto Space. Streamlines installation and ensure reliable BLUEnet Wireless communication between components.
- Discrete inputs accept signals from existing wired magnetic contacts or similar dry contact sensors. Useful scenarios where wireless connectivity isn't feasible, or wiring is in place.

Technical characteristics

- Housing dimensions: 124 x 70 x 70,5 mm
- Power supply: 110V – 230V AC
- Power consumption: 5W (10W max)
- 2 relays (1A) for AC and lighting control
- Energy meter: Measures currents up to 16A
- Antennas: 2 units
- Wi-Fi: (IEEE 802.11 b/g/n) 2.4GHz (20/40MHz)
- Bluetooth® LE
- DIN modules: 4 units
- Temperature: 0°C-45°C
- Humidity: 0-99%
- Not suitable for outdoor use

Technology platforms



Salto Space



On-premise Network



Salto XS4 Sense



Cloud application

Certifications



Disclaimer:

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