

Feature

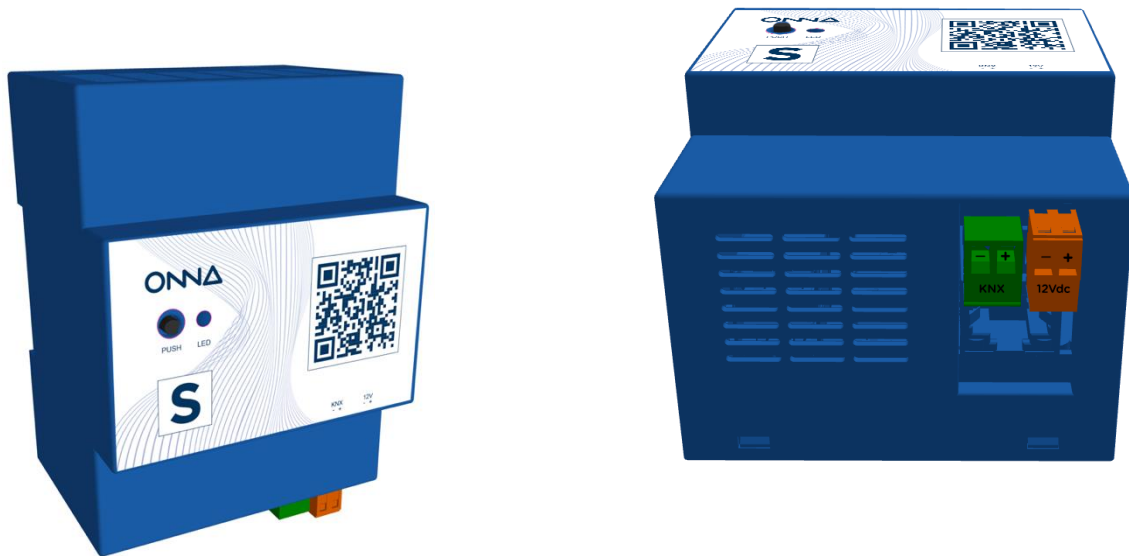
DIN rail module with **Onna** server. Enables control of KNX systems.

- Room control with no limit on the number of devices.
- Creation and editing of timetables.
- Alert manager with event history.
- Ability to create and edit scenes.
- Integrated thermostat and temperature sensor.
- KNX communication bus.
- Internal RTC clock with battery.
- Communication with app (Android or iOS) without the need to open ports.
- Push notifications.
- Version limited to 300 group addresses.

Technical Specifications

Environmental considerations	
Operating temperature	0 a 45°C
Operating humidity	10 a 80%, non-condensing
Storage temperature	-20 a 60°C
Storage humidity	10 a 80%, non-condensing
Processor and memory	
Processor	Cortex A72 1,5GHz
Memory and Storage	32GB
Communication	
Ethernet	Gigabit (1000Mbps)
Power Supply	
Voltage	8 a 14Vdc
Maximum Power Consumption (Start-up)	6W (500mA 12Vdc)
Average Power Consumption	3W (250mA 12Vdc)
KNX	
Voltage	29Vdc
Type	TP1
Power consumption	5 a 10mA
Chip	KNX BAOS Module 832
Watch	
Accuracy	20 ppm
Battery	3V, 50mA
Adjustment	Manual or automatic (Internet NTP)
Others	
Buzzer	80dB
Certification	

UNE-EN 50491-5-1:2010, UNE-EN 50491-5-2:2010,
UNE-EN IEC 61000-6-3:2021, UNE-EN 50090-2-2



Dimensions: 4 DIN modules (length: 95 mm, width: 71 mm and height: 58 mm).

Definition of LED states:

- Solid blue: pairing in progress.
- Green flash every 1/10 of a second: OK status.
- Red flashing light: KNX fault.
- Blue flashing light: Internet fault.
- Red and blue flashing lights: KNX and Internet faults.

Push button:

- < 5s: enable pairing (for 10 seconds).
- 5-10s: soft reset.
- 10-30s: hard reset.
- 30-35s: factory reset.

Matching

Via a QR code linked to each Onna.