

UP&SYSTEMS

The range

Every system. One platform.

IP automation modules for integrators and installers

Every system. One platform.

Same switches. Now smart.

Keep the push-buttons and switches already on the wall. Each module connects to the existing wiring and turns them into smart controls.

Integrate with your preferred system

Native drivers for Savant, Crestron Home, RTI, Vantage and URC; KNX IP and Modbus TCP; Matter. One or several at once, two-way and always in sync.

100% local

Everything runs on site and keeps working without internet. Back up a configuration and clone it to the next device in seconds.

One platform, three formats

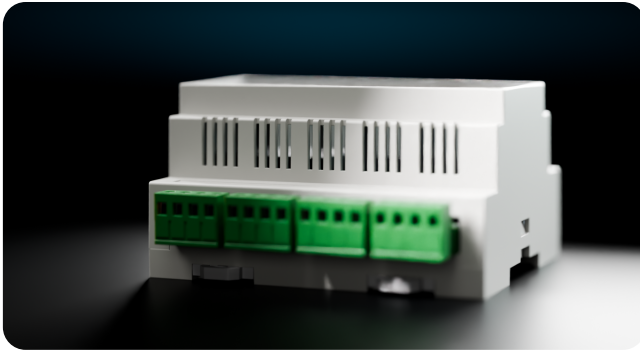
DIN rail with Ethernet and PoE, compact DIN with WiFi, and mini modules that fit behind the switch.

No building works

Installed on the wiring you already have, with only the connections needed. Ideal for retrofits, room by room.

What you don't pay for

No software licence to configure, no cloud subscription, no central hub, no extra KNX actuators.



R8

S-RE008

8-channel relay module

8 × 16 A

relays

8

inputs

PoE

Ethernet + WiFi

6

DIN modules

- ✓ 8 relays 16 A, voltage-free contacts
- ✓ Switch 230 V lighting, or 12–24 V valves and locks
- ✓ 8 inputs for push-buttons or switches
- ✓ Ethernet 10/100 with automatic WiFi backup
- ✓ 230 V AC supply or PoE 802.3af
- ✓ Auto-off timer per relay
- ✓ **KNX IP · Modbus TCP · Matter**



S4

S-SE004

4-shutter controller

4

shutters

0–100 %

position

8

inputs

PoE

Ethernet + WiFi

- ✓ 4 shutters, awnings or curtains
- ✓ Position 0–100 % by travel-time calibration
- ✓ Interlocked relays: never up and down at once
- ✓ 8 inputs for double push-buttons
- ✓ Direction reversal by software
- ✓ Ethernet 10/100 with automatic WiFi backup · PoE 802.3af
- ✓ **KNX IP · Modbus TCP · Matter**



D8

S-DE008

8-channel LED dimmer

8

LED channels

12–36 V

DC strips

2 × RGBW

or 8 zones

PoE

Ethernet + WiFi

- ✓ 8 PWM channels for 12–36 V DC LED strip
- ✓ Single colour, tunable white, RGB or RGBW
- ✓ 12-bit dimming at 1 kHz, smooth fades
- ✓ Two output groups with their own supply: 12 V and 24 V in one module
- ✓ 8 inputs for push-buttons
- ✓ Ethernet 10/100 with automatic WiFi backup · PoE 802.3af
- ✓ **KNX IP · Matter**



R4

S-RW004

4-channel relay module

4 × 5 A

relays

4

inputs

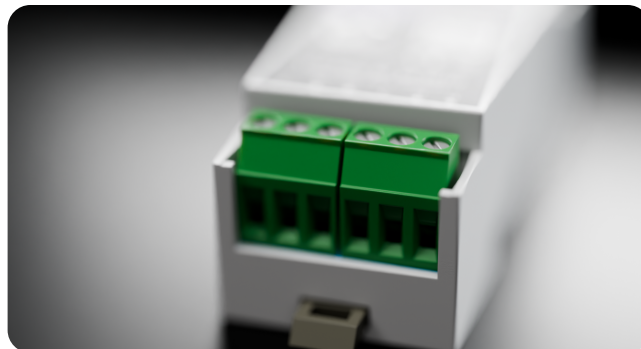
2

DIN modules

WiFi

2.4 GHz

- ✓ 4 relays, 5 A per output, voltage-free
- ✓ Lights, valves and locks on the same module
- ✓ 4 inputs: push-buttons or existing switches
- ✓ Keeps two-way and intermediate circuits
- ✓ Auto-off timer per relay
- ✓ Optional 12–24 V DC supply
- ✓ **KNX IP · Matter**



S2

S-SW002

2-shutter controller

2

shutters

0–100 %

position

4

inputs

WiFi

2.4 GHz

- ✓ 2 shutters, awnings or curtains
- ✓ Standard 230 V tubular motors
- ✓ Position 0–100 % with calibration
- ✓ Interlocked relays
- ✓ 4 inputs: one or two buttons per shutter
- ✓ Existing shutter switches kept
- ✓ **KNX IP · Matter**



D4

S-DW004

4-channel LED dimmer

4

LED channels

12–36 V

DC strips

RGBW

or 4 zones

WiFi

2.4 GHz

- ✓ 4 PWM channels for 12–36 V DC LED strip
- ✓ 4 single-colour zones or 1 RGBW strip
- ✓ 12-bit dimming at 1 kHz, smooth fades
- ✓ Minimum and maximum level per channel
- ✓ 4 low-voltage (SELV) inputs
- ✓ No mains in the wall box
- ✓ **KNX IP · Modbus TCP · Matter**



R1

S-RW001

1-channel relay, mini

8 A

dry contact

1

input

40 mm

mini size

WiFi

2.4 GHz

- ✓ 1 relay, 8 A dry contact
- ✓ 1 input for a push-button or switch
- ✓ Fits behind the switch: 40.6 × 40.6 × 19.1 mm
- ✓ Lights, electric locks and gate openers
- ✓ Auto-off for locks and pulses
- ✓ Optional 12–24 V DC supply
- ✓ **KNX IP · Matter**



D3

S-DW003

RGB LED controller, mini

RGB

or 3 zones

12–24 V

DC strips

1

input

WiFi

2.4 GHz

- ✓ 3 PWM channels: RGB or 3 single-colour strips
- ✓ 12–24 V DC LED strip
- ✓ 12-bit dimming at 1 kHz, smooth fades
- ✓ 1 low-voltage input for a push-button
- ✓ Fits in the wall box or the strip channel
- ✓ No mains near the strip
- ✓ **KNX IP · Modbus TCP · Matter**



I4

S-IW004

4-input module, mini

4

inputs

16

actions

Mini

behind the
switch

WiFi

2.4 GHz

- ✓ 4 inputs for push-buttons or switches
- ✓ Single, double, triple and long press: up to 16 actions
- ✓ Drives other devices, scenes and URLs
- ✓ Fits behind the switch
- ✓ Standard 100–240 V AC wiring
- ✓ No new wiring to the loads
- ✓ **KNX IP · Modbus TCP · Matter**

Works with your system

Native drivers: Savant · Crestron Home · RTI · Vantage · URC

Open protocols: KNX IP · Modbus TCP

Matter: Apple Home · Google Home · Alexa · SmartThings · Home Assistant

On every device

- ✓ Set up from the browser, no app
- ✓ 100% local: works without internet
- ✓ Push-button gestures: single, double, triple, long
- ✓ Local automations (Triggers) built in

The range at a glance

Model	Part no.	Format	Channels	Current	Supply	Network	KNX	Modbus TCP	Matter
R8	S-RE008	DIN, 6 modules	8 relays · 8 inputs	16 A per output	100–240 V AC or PoE 802.3af	Ethernet · PoE · WiFi	yes	yes	yes
S4	S-SE004	DIN, 6 modules	4 shutters · 8 inputs	5 A per output (motor)	100–240 V AC or PoE 802.3af	Ethernet · PoE · WiFi	yes	yes	yes
D8	S-DE008	DIN, 6 modules	8 PWM channels · 8 inputs	≈ 6 A per channel*	12–36 V DC (logic also by PoE)	Ethernet · PoE · WiFi	yes	no	yes
R4	S-RW004	DIN, 2 modules	4 relays · 4 inputs	5 A per output	100–240 V AC (12–24 V DC optional)	WiFi	yes	no	yes
S2	S-SW002	DIN, 2 modules	2 shutters · 4 inputs	10 A per output (motor up to 5 A recommended)	100–240 V AC (12–24 V DC optional)	WiFi	yes	no	yes
D4	S-DW004	DIN, 2 modules	4 PWM channels · 4 inputs	≈ 3 A per channel*	12–36 V DC	WiFi	yes	yes	yes
R1	S-RW001	Mini, wall box	1 relay · 1 input	8 A	100–240 V AC (12–24 V DC optional)	WiFi	yes	no	yes
D3	S-DW003	Mini, wall box	3 PWM channels · 1 input	≈ 3 A per channel*	12–24 V DC	WiFi	yes	yes	yes
I4	S-IW004	Mini, wall box	4 inputs · no outputs	—	100–240 V AC	WiFi	yes	yes	yes

* LED dimmer current per channel calculated from component datasheets (no heatsink, 50 °C ambient). KNX and Matter compatible, not certified. Trademarks belong to their owners.

UP & SYSTEMS

Every system. One platform.

IP automation modules for integrators and installers

[Request a demo](#)

up-systems.io · info@up-systems.io

