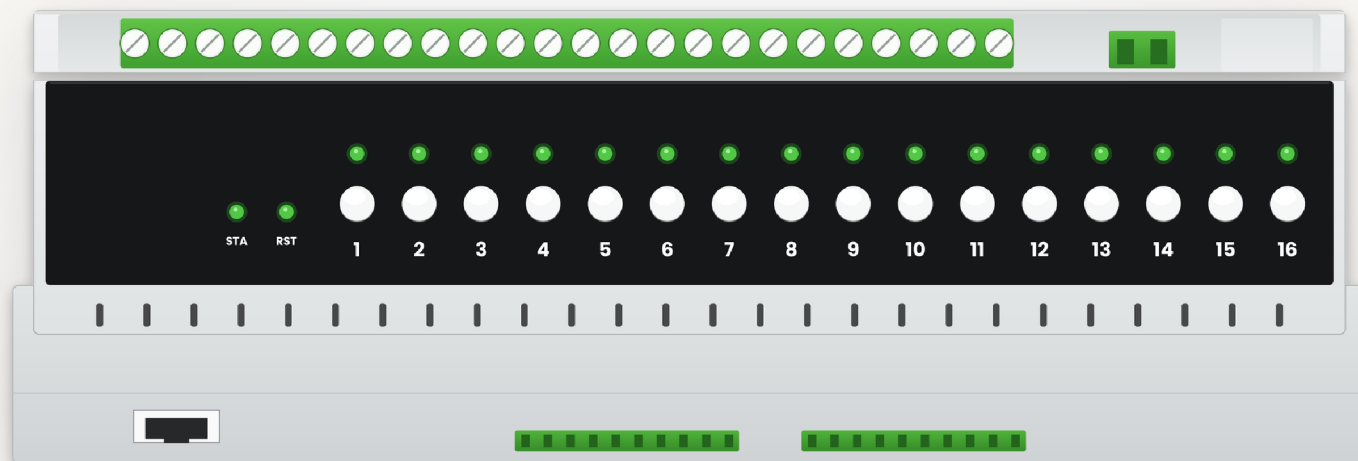




SHOWN: SPARK 16-CH RELAY · DIN RAIL MODULE

ZIGBEE 3.0 · WI-FI

● SPARK 16-CH RELAY · 16-CHANNEL SMART RELAY

Sixteen circuits. One smart module.

The Spark 16-CH Relay mounts on a DIN rail in your distribution board and switches sixteen circuits: four on 50 A magnetic latching relays and twelve on 16 A relays. Control them from the app, from the panel or from wall switches.

● 16 channels

● 4 × 50 A

● 12 × 16 A

● Zigbee 3.0 or Wi-Fi

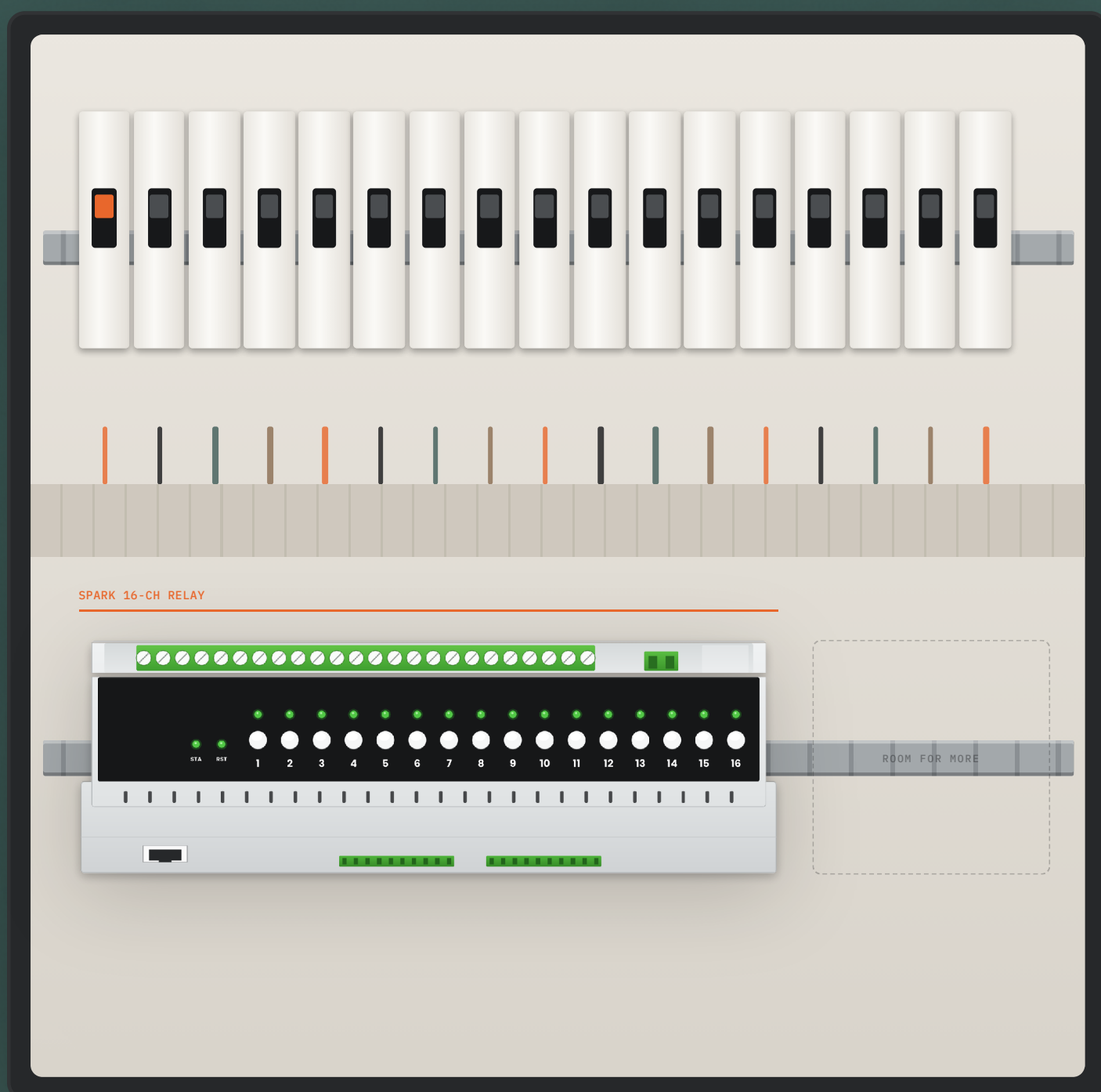
● 110-240 V~

● DIN rail

● IN THE DISTRIBUTION BOARD

Out of sight. In charge of the house.

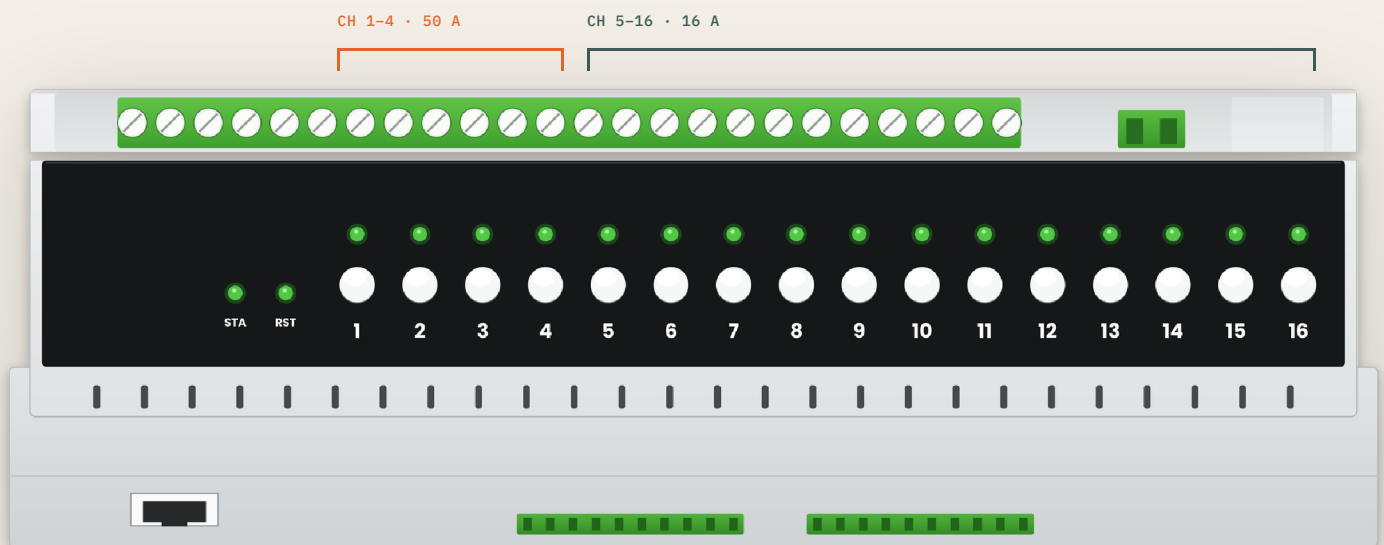
It clips onto a standard DIN rail next to your breakers. Your lights, sockets and motors are wired to it there, and it switches them.



● CHANNEL MAP

Heavy duty where it counts.

Channels 1 to 4 use 50 A magnetic latching relays for your heaviest circuits. Channels 5 to 16 use 16 A relays.



01 · 50 A



4 heavy-duty channels

Channels 1–4 are 50 A magnetic latching relays.

02 · 16 A



12 everyday channels

Channels 5–16 are 16 A relays.

03 · STATUS



See every channel

LED indicators on the panel show the status of all 16 channels.

ON THE PANEL

A button for every channel.

Use the panel buttons to switch channels one at a time or in sequence, right at the board.

POWER

110–240 V~ · 50/60 Hz

One module for 110–240 V~ supplies at 50 or 60 Hz.

● SWITCH INPUTS

Works with the switches on your wall.

Connect RS485 switch panels, dry-contact switches, momentary (reset) switches or ordinary rocker switches. The relay does the switching.

01 · RS485



RS485 switch panels

Supports RS485 switches on a data bus.

02 · DRY CONTACT



Dry-contact switches

Supports dry-contact switch inputs.

03 · MOMENTARY



Reset (momentary) switches

Supports push-to-operate reset switches.

04 · ROCKER



Rocker switches

Supports traditional rocker switches.



Lock the external buttons.

External buttons can be locked and unlocked, so wall switches only work when you want them to.

● MOTOR CONTROL

Curtains, doors and gates too.

Motor control for curtains, sheer curtains, roll-up doors and electrically operated gates.



Curtains
Motorised curtain tracks



Sheer curtains
Window gauze and voiles



Roll-up doors
Garage and roller shutter doors



Electric gates
Sliding and swing gates

AUTOMATION



Device linkage

Link channels with other devices in the app.



Group control

Switch several channels together as one group.



Multiple switch control

Control one circuit from more than one switch.

AFTER A POWER CUT

Three ways to come back.

MODE 01

Power off

After a power cut, every channel stays off until you switch it on.

MODE 02

Power on

When power returns, the channels switch back on.

MODE 03

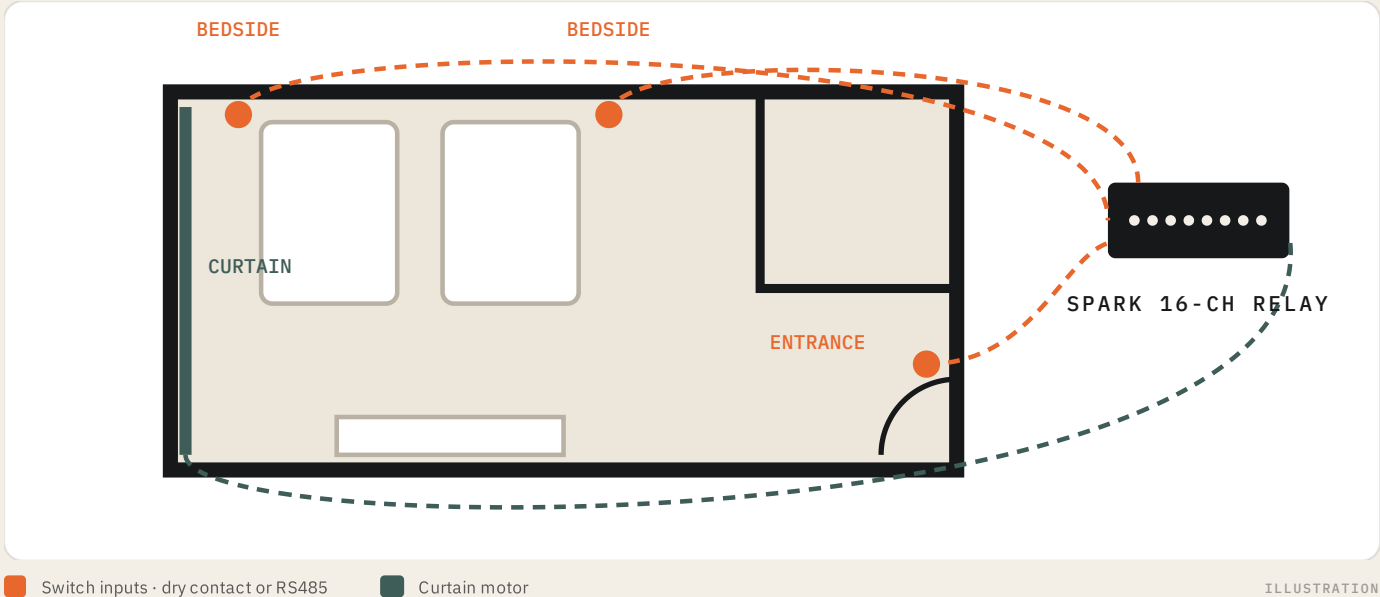
Custom scene

When power returns, the channels follow a scene you set.

HOMES AND HOTEL ROOMS

One room, one module.

Designed as a room control unit for hotels too: wire the bedside and entrance switches to one module, by dry contact or RS485.



SPECIFICATIONS

Model	Spark 16-CH Relay
Product	16-channel smart relay module
Channels 1–4	50 A magnetic latching relays
Channels 5–16	16 A relays
Wireless	Zigbee 3.0 or Wi-Fi (by version)
Rated voltage	110–240 V~ · 50/60 Hz
Switch inputs	RS485 · dry contact · reset · rocker
External buttons	Lock / unlock
Indicators	Status LED for each channel
Power-loss recovery	Off · On · Custom scene
Motor control	Curtains · sheers · roll-up doors · gates
Housing	ABS + PC
Mounting	DIN rail

PART OF THE SPARK HOME

Sixteen circuits, one module, in the board.

Choose the Zigbee 3.0 or the Wi-Fi version to suit your home.

spark

SPARK-HOME.COM