

TRÅDLØS



KONTAKTORER

Radio transmitters as wall pushbutton rocker switches with 2 or 4 channels
on-wall, panel switch programme

The radio transmitter **KYMASGARD® WT-FSE** is a batteryless and maintenance-free universal transmitter insert with one rocker or two rockers with central position, matching diverse switch programmes of different leading manufacturers.

Rockers are also available as spare parts with and without printing.

Due to its flat design WT-FSE is applicable for wall mounting, also on glass.

WT-FSE-RW
(with twin rockers)



WT-FSE-RW
(with single rocker)



TECHNICAL DATA

Operation:	Energy generation by electrodynamic energy generator (induction principle), batteryless, maintenance-free	
Radio technology:	EnOcean protocol, modulation EIRP / ASK, transmission power max. 10 mW, telegram type RPS-Type 2	
Channels:	2 or 4 channels with 2 statuses each	
Radio transmitter module:	PTM 200	
Operating force:	approx. 7 N at +25°C	
Push-button stroke:	1.8 mm	
Switching cycles:	> 50,000 activations according to EN 60669 / VDE 0632	
Range of coverage:	indoors typically 30 - 100 m, outdoors up to 300 m	
Dimensions:	71 x 71 mm	bottom plate
	55 x 55 mm	frame insert
	55 x 55 mm	single rocker (without frame)
	27.5 x 55 mm	twin rocker (without frame)
Mounting:	on-wall on even surface, for sticking or screw fastening	
Ambient temperature:	-25...+65 °C (in operation)	
Storage temperature:	-40...+85 °C	
Humidity:	0...95 % r.H., non-precipitating air	
Standards:	CE conformity, ROHS conformity according to directive 2011 / 65 / EU	

SWITCH PROGRAMME

Manufacturer:	BERKER (S1, B1, B3, B7 glass) GIRA (System 55, E2, Event, Esprit) JUNG (A500, Aplus) MERTEN (M-Smart, M-Arc, M-Plan)
Housing:	plastic, material ABS, colour pure white / matt (similar to RAL 9010), (other colours are available upon request with colour variants depending on the respective light switch programme)

KYMASGARD® WT-FSE Radio transmitter as wall pushbutton

Type / WG02	Channels	Printing	Housing Colour	Item No.	Price
WT-FSE					
WT-FSE-RW	2 / 4	–	Pure white / mat	1801-8412-1000-000	96,99 €
WT-FSE-ORW	2 / 4	Light I-O	Pure white / mat	1801-8412-1100-000	96,99 €
WT-FSE-VRW	2 / 4	Venetian blind Δ-▽	Pure white / mat	1801-8412-1200-000	96,99 €
Compatibility	For an overview, see the start of the chapter				

Radio transmitters as hand-held remote control units with 4 channels

S+S REGELTECHNIK

HT4-FSE

The radio transmitter **KYMASGARD® HT4-FSE** is a battery-less and maintenance-free hand-held transmitter with four independent individual buttons. Because of its ergonomic shape, it sits comfortably in the hand, however can also be fixed to the wall using the relevant adhesive mats.

TECHNICAL DATA

Operation:	Energy generation by electrodynamic energy generator (induction principle), batteryless, maintenance-free
Radio technology:	EnOcean protocol, transmission power max. 10 mW, telegram type RPS-Type 2
Channels:	4 channels, each with 2 statuses
Radio transmitter module:	PTM 200
Operating force:	approx. 7 N at +25 °C
Push-button stroke:	1.8 mm
Switching cycles:	> 50,000 activations according to EN 60669 / VDE 0632
Range of coverage:	indoors typically 30 - 100 m, outdoors up to 300 m
Dimensions:	48 x 81 x 19 mm (W x H x D)
Housing:	plastic, material ABS, colours see table
Ambient temperature:	-25...+55 °C (in operation)
Storage temperature:	-40...+85 °C
Humidity:	0...95 % r.H., non-precipitating air
Standards:	CE conformity according to EMC directive 2014 / 30 / EU and according to R&TTE directive 2014 / 53 / EU



KYMASGARD® HT4 - FSE Radio transmitters as hand-held remote control units

Type / WG02	Channels	Housing Colour	Item No.	Price
HT4-FSE				
HT4-FSE-RW	4	Pure white	1801-8424-1000-000	116,40 €
HT4-FSE-SW	4	Black	1801-8424-2000-000	116,40 €
HT4-FSE-SB	4	Silver	1801-8424-3000-000	116,40 €
Compatibility		For an overview, see the start of the chapter		



The radio transmitter **KYMASGARD® FK1 - FSE** is a battery-less and maintenance-free window contact with one channel. Energy generation is effected by conversion of indoor room light into electric energy by means of a solar generator. It is used for status monitoring of windows and doors employing a reed contact with counter magnet and to transmit the results via radio signal to radio actuators and radio receivers / gateways. It is suitable for mounting on window and door frames made of wood, glass, and aluminium.

FK1-FSE

TECHNICAL DATA

Operation:	energy generation by electrodynamic solar generator, batteryless, maintenance-free
Radio technology:	EnOcean protocol, modulation ASK, transmission power max. 10 mW
Channels:	1 status, 1 control
Radio transmitter module:	STM100
Status acquisition:	reed contact
Measurand acquisition:	every 1000 seconds
Transmission interval:	every 1000 seconds, or at any status change
Range of coverage:	indoors typically 30 - 100 m, outdoors up to 300 m
Dimensions:	110 x 19 x 15 mm (L x W x D)
Housing:	plastic, material ABS, colour pure white (similar to RAL 9010)
Mounting:	on-wall on even surface, for sticking or screw fastening
Ambient temperature:	-25...+65 °C (in operation)
Storage temperature:	-40...+85 °C
Humidity:	0...70 % r. H., non-precipitating air
Protection type:	IP 20 (according to EN 60 529)
Standards:	CE conformity, ROHS conformity according to directive 2011 / 65 / EU



KYMASGARD® FK1-FSE Radio transmitter as door and window contact unit

Type / WG02	Channels	Housing Colour	Item No.	Price
FK1-FSE				
FK1-FSE-RW	1	Pure white	1801-8431-1000-000	110,44 €
Compatibility		For an overview, see the start of the chapter		

**Gateway
for RS485 bus, bidirectional**

S+S REGELTECHNIK

The **KYMASGARD® GW-RS485-FEM** is a device for on-wall installation. It serves as unidirectional or bidirectional gateway between radio transmitters / radio receivers and bus systems on basis of RS485 communication. It enables receiving and transmitting of radio telegrams from all radio transmitters that comply with the EnOcean protocol standard.

GW-RS485-FEM

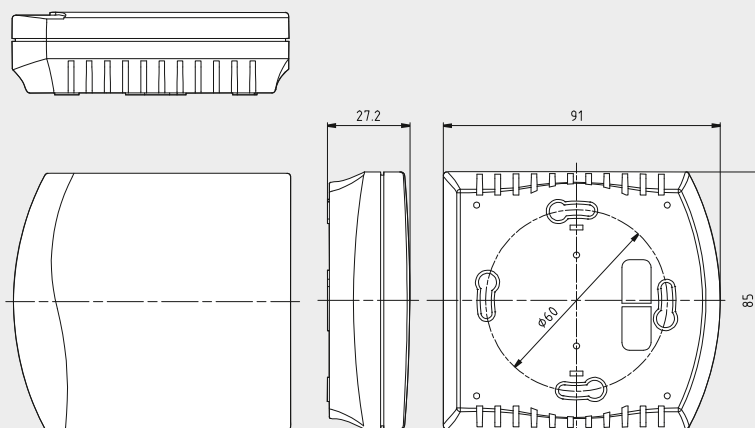


TECHNICAL DATA

Operating mode:	receiving (from up to 30 radio transmitters) and transmitting of radio telegrams according to EnOcean standard
Rated voltage:	10-24 V DC
Current consumption:	45 mA at 12 V DC
Radio module:	TCM320
Fusing:	none
Operating elements:	1 button ("LRN") 1 button („CLR") 5 LEDs
Connection:	5-pole terminal screw
Housing:	plastic, material ABS, colour pure white (similar to RAL 9010)
Dimensions:	85 x 91 x 27 mm (Fritja 1)
Mounting:	wall mounting or on in-wall flush box, Ø 55 mm, base with 4 holes, for attachment to vertically or horizontally installed in-wall flush boxes for rear cable entry, with predetermined breaking point for cable entry from top/bottom in case of plain on-wall installation
Ambient temperature:	-5...+40°C (in operation)
Humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 20 (according to EN 60 529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to Directive 2011 / 65 / EU

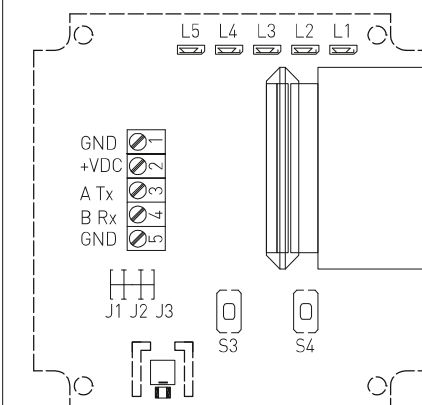
Dimensional drawing

GW-RS485-FEM



Schematic diagram

GW-RS485-FEM



KYMASGARD® GW-RS485-FEM Gateway for RS485-Bus

Type / WG02	Type	Communication	Installation	Item No.	Price
GW-RS485-FEM					
GW-RS485-FEM	Bidirectional	RS485	On-wall	1801-7429-0022-300	208,84 €
Note:		other gateways optional on request			
Compatibility		all KYMASGARD® radio transmitters and radio signal receivers			



S+S REGELTECHNIK

KYMASGARD® JA100-FEM-UP

Radio receiver,
Venetian blind actuator with 1 channel,
in-wall

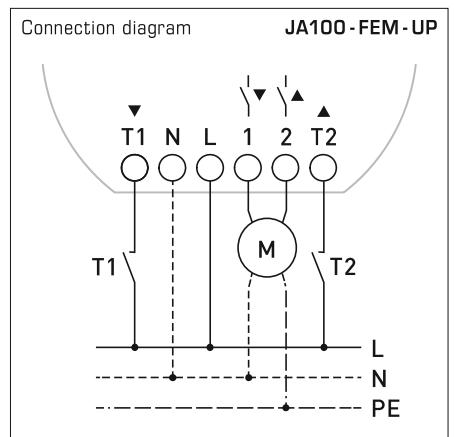
The Venetian blind actuator **KYMASGARD® JA100-FEM-UP** is a device with one channel for in-wall or on-wall installation. Initiated by up to 30 radio transmitters (wall-mounted and hand-held transmitters, motion detectors, outdoor light sensor) as well as by the two auxiliary inputs, a roller shutter/blind motor can be controlled via its output channel.

Each taught-in transmitter can be assigned a different function such as a sequential pushbutton function or a 10-minute switch-off delay. The repeater function can be additionally activated by means of a simple procedure.

JA100-FEM-UP



TECHNICAL DATA	
Operating mode:	moving Up /Down (long push of button), adjusting blades (short push of button)
Radio technology:	EnOcean protocol, modulation ASK, 868 MHz, transmission power max. 10 mW, telegram type 4BS
Rated voltage:	110 - 240 V, 50 / 60 Hz
Fusing:	16 A
Operating elements:	2 buttons ("LRN"/"CLR") 2 LEDs ("LRN"/"CLR") 1 rotary switch with 16 positions
Channels:	1 channel
Standby consumption:	0.6 W
Load output / Connected load:	2 secured normally open contacts rated current: 6 A / 240 V AC max. switch-on current: 10 A max. switching capacity AC1: 1500 VA max. switching capacity AC15: 300 VA motor load 1Ph AC3 / 230 V AC: 0.185 kW capacitive load: 10 µF
Switching properties:	parametrisable
Connection:	4 mm ² , via terminal screws
Housing:	Plastic, material ABS, Ø 51 mm, height 25 mm
Mounting:	In-wall, on-wall
Ambient temperature:	-20...+40 °C (in operation)
Storage temperature:	-40...+85 °C
Permitted humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 20 (according to EN 60 529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to directive 2011 / 65 / EU



KYMASGARD® JA100-FEM-UP Venetian blind actuator					
Type / WG02	Channels	Switching element	Installation	Item no.	Price
JA100-FEM-UP					
JA100-FEM-UP	1	Normally open contact	In-wall	1801-7441-0500-300	187,56 €
Compatibility	For an overview, see the start of the chapter				

Radio receiver,
switching actuator with 1 channel,
in-wall

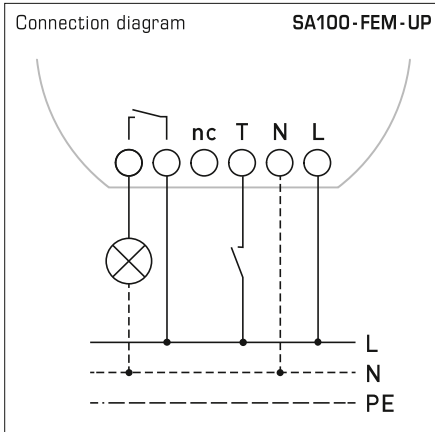
SA100-FEM-UP

The switching actuator **KYMASGARD® SA100-FEM-UP** is a device with one channel for in-wall or on-wall installation and is used for switching electric consumers. Initiated by up to 30 radio transmitters (wall-mounted and hand-held transmitters, motion detectors, window contact) a group of electric consumers can be switched.

Each taught-in transmitter can be assigned a different function such as a sequential pushbutton function or a 10-minute switch-off delay. The repeater function can be additionally activated by means of a simple procedure.

TECHNICAL DATA

Operating mode:	switching ON/OFF, pulse switch, stepping switch
Radio technology:	EnOcean protocol, modulation ASK, 868 MHz, transmission power max. 10 mW, telegram type 4BS
Rated voltage:	110 - 240 V, 50 / 60 Hz
Fusing:	16 A
Operating elements:	2 buttons ("LRN"/"CLR") 2 LEDs ("LRN"/"CLR") 1 rotary switch with 16 positions
Channels:	1 channel
Standby consumption:	0.6 W
Load output / Connected load:	normally open contact potential free rated current: 16 A / 250 V AC max. switch-on current: 130 A / 20 ms max. switching capacity AC1: 4000 VA max. switching capacity AC15: 750 VA filament bulbs: 2000 W halogen lamps 230 V AC: 2000 W fluorescent lamps, uncompensated: 1000 W fluorescent lamps, compensated: 750 W fluorescent lamps, duo-connection: 1000 W motor load 1Ph AC3 / 230 V AC: 1 kW electronic ballast assuming 30 µF: 3 unit capacitive load: 30 µF
Switching properties:	parametrisable
Connection:	4 mm ² , via terminal screws
Housing:	Plastic, material ABS, Ø 51 mm, height 25 mm
Mounting:	In-wall, on-wall
Ambient temperature:	-20...+40 °C (in operation)
Storage temperature:	-40...+85 °C
Permitted humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 20 (according to EN 60 529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to directive 2011 / 65 / EU



KYMASGARD® SA100 - FEM - UP Switching actuator

Type / WG02	Channels	Switching element	Installation	Item no.	Price
SA100-FEM-UP					
SA100-FEM-UP	1	Normally open contact	In-wall	1801-7441-0200-300	165,55 €
Compatibility		For an overview, see the start of the chapter			



S+S REGELTECHNIK

KYMASGARD® SA200-FEM-UP

Radio receiver,
switching actuator with 2 channels,
in-wall

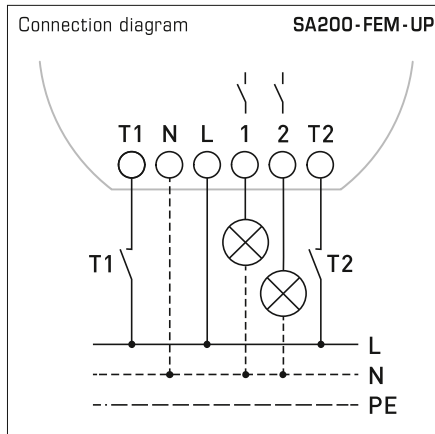
SA200-FEM-UP

The switching actuator **KYMASGARD® SA200-FEM-UP** is a device with two channels for in-wall or on-wall installation. Initiated by up to 30 radio transmitters (wall-mounted and hand-held transmitters, motion detectors, outdoor light sensors) and the two auxiliary inputs, two groups of electric consumers can be switched via its two outputs.

Each taught-in transmitter can be assigned a different function such as a sequential pushbutton function or a 10-minute switch-off delay. The repeater function can be additionally activated by means of a simple procedure.

TECHNICAL DATA

Operating mode:	switching ON/OFF, pulse switch, stepping switch
Radio technology:	EnOcean protocol, modulation ASK, 868 MHz, transmission power max. 10 mW, telegram type 4BS
Rated voltage:	110 - 240 V, 50 / 60 Hz
Fusing:	16 A
Operating elements:	2 buttons ("LRN"/"CLR") 2 LEDs ("LRN"/"CLR") 1 rotary switch with 16 positions
Channels:	2 channels
Standby consumption:	0.6 W
Load output / Connected load:	normally open contact rated current: 6 A / 240 V AC max. switch-on current: 10 A max. switching capacity AC1: 1500 VA max. switching capacity AC15: 300 VA filament bulbs: 750 W halogen lamps 230 V AC: 500 W fluorescent lamps, uncompensated: 300 W fluorescent lamps, compensated: 200 W fluorescent lamps, duo-connection: 300 W motor load 1Ph AC3 / 230 V AC: 0,185 kW electronic ballast assuming 30 µF: 1 unit capacitive load: 10 µF
Switching properties:	parametrisable
Connection:	4 mm ² , via terminal screws
Housing:	Plastic, material ABS, Ø 51 mm, height 25 mm
Mounting:	In-wall, on-wall
Ambient temperature:	-20...+40 °C (in operation)
Storage temperature:	-40...+85 °C
Permitted humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 20 (according to EN 60 529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to directive 2011 / 65 / EU



KYMASGARD® SA200-FEM-UP Switching actuator

Type / WG02	Channels	Switching element	Installation	Item no.	Price
SA200-FEM-UP					
SA200-FEM-UP	2	Normally open contact	In-wall	1801-7443-0200-300	187,56 €
Compatibility For an overview, see the start of the chapter					

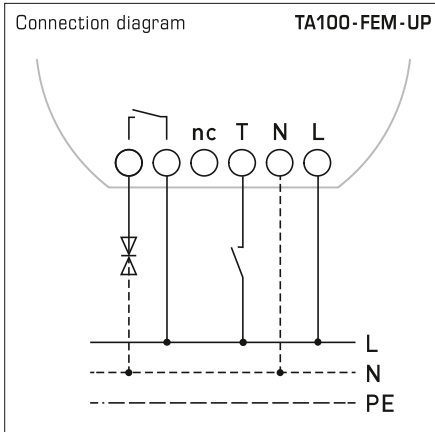
Radio receiver,
thermostat actuator with 1 channel,
in-wall

The thermostat actuator **KYMASGARD® TA100-FEM-UP** is a device with one channel for in-wall or on-wall installation. With the help of a room temperature sensor (see compatibility overview) and up to 8 radio window contacts (FK1-FSE) in AND conjunction, a group of electric consumers (control valves, electric heating units, etc.) can be switched by a two-position control with frost protection function via an output. Different functions can be allocated to that output, depending on the parameter setting.

TECHNICAL DATA

Operating mode:	switching ON/OFF, pulse switch, stepping switch
Radio technology:	EnOcean protocol, modulation ASK, 868 MHz, transmission power max. 10 mW, telegram type 4BS
Rated voltage:	110 - 240 V, 50 / 60 Hz
Fusing:	16 A
Operating elements:	2 buttons ("LRN"/"CLR") 2 LEDs ("LRN"/"CLR") 1 rotary switch with 16 positions
Channels:	1 channel
Standby consumption:	0.6 W
Load output / Connected load:	normally open contact potential free rated current: 16 A / 250 V AC max. switch-on current: 130 A / 20 ms max. switching capacity AC1: 4000 VA max. switching capacity AC15: 750 VA motor load 1Ph AC3 / 230 V AC: 1 kW capacitive load: 30 µF
Switching properties:	parametrisable
Connection:	4 mm ² , via terminal screws
Housing:	Plastic, material ABS, Ø 51 mm, height 25 mm
Mounting:	In-wall, on-wall
Ambient temperature:	-20...+40 °C (in operation)
Storage temperature:	-40...+85 °C
Permitted humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 20 (according to EN 60 529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to directive 2011 / 65 / EU

TA100-FEM-UP



KYMASGARD® TA100 - FEM - UP Thermostat actuator

Type / WG02	Channels	Switching element	Installation	Item no.	Price
TA100-FEM-UP					
TA100-FEM-UP	1	Normally open contact	In-wall	1801-7441-0600-300	165,55 €
Compatibility		For an overview, see the start of the chapter			



S+S REGELTECHNIK

KYMASGARD® TA200-FEM-UP

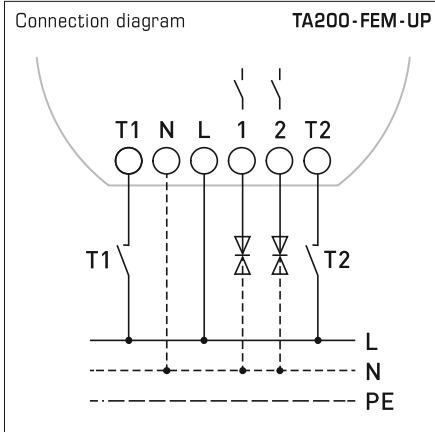
Radio receiver,
thermostat actuator with 2 channels,
in-wall

TA200-FEM-UP

The thermostat actuator **KYMASGARD® TA200-FEM-UP** is a device with two channels for in-wall or on-wall installation. With the help of a room temperature sensor (see compatibility overview) and up to 8 radio window contacts (FK1-FSE) in AND conjunction, a group of electric consumers (control valves, electric heating units, etc.) can be switched by a two-position control with frost protection function via an output. Different functions can be allocated to that output, depending on the parameter setting.

TECHNICAL DATA

Operating mode:	switching ON/OFF, pulse switch, stepping switch
Radio technology:	EnOcean protocol, modulation ASK, 868 MHz, transmission power max. 10 mW, telegram type 4BS
Rated voltage:	110 - 240 V, 50 / 60 Hz
Fusing:	16 A
Operating elements:	2 buttons ("LRN"/"CLR") 2 LEDs ("LRN"/"CLR") 1 rotary switch with 16 positions
Channels:	2 channels
Standby consumption:	0.6 W
Load output / Connected load:	normally open contact rated current: 6 A / 240 V AC max. switch-on current: 10 A max. switching capacity AC1: 1500 VA max. switching capacity AC15: 300 VA motor load 1Ph AC3 / 230 V AC: 0.185 kW capacitive load: 10 µF
Switching properties:	parametrisable
Connection:	4 mm ² , via terminal screws
Housing:	Plastic, material ABS, Ø 51 mm, height 25 mm
Mounting:	In-wall, on-wall
Ambient temperature:	-20...+40 °C (in operation)
Storage temperature:	-40...+85 °C
Permitted humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 20 (according to EN 60 529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to directive 2011 / 65 / EU



KYMASGARD® TA200-FEM-UP Thermostat actuator

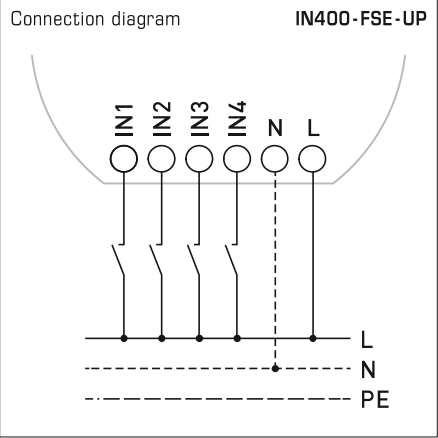
Type / WG02	Channels	Switching element	Installation	Item no.	Price
TA200-FEM-UP					
TA200-FEM-UP	2	Normally open contact	In-wall	1801-7443-0600-300	187,56 €
Compatibility For an overview, see the start of the chapter					

Radio transmitter,
pushbutton interface with 4 channels,
in-wall

The pushbutton interface **KYMASGARD® IN400-FSE-UP** is a device with four channels for in-wall or on-wall installation and is used for detecting up to four 230 V AC switching/sensor contacts. A corresponding radio telegram is sent every time the status of the 230 V AC switching/sensor contact changes.

IN400-FSE-UP

TECHNICAL DATA	
Radio technology:	EnOcean protocol, modulation ASK, 868 MHz, transmission power max. 10 mW, telegram type RPS-Type 2
Rated voltage:	110 - 240 V, 50 / 60 Hz
Fusing:	10 A
Operating elements:	2 buttons ("LRN"/"CLR") 2 LEDs ("LRN"/"CLR") 1 rotary switch with 16 positions
Channels:	4 channels, each with 2 statuses
Standby consumption:	0.4 W
Inputs:	100 V - 230 V AC inputs
Behaviour:	like a transmitter with PTM 200 (wall-mounted transmitter)
Range of coverage:	indoors typically 30 - 100 m, outdoors up to 300 m
Connection:	4 mm ² , via terminal screws
Housing:	Plastic, material ABS, Ø 51 mm, height 25 mm
Mounting:	In-wall, on-wall
Ambient temperature:	-20...+40 °C (in operation)
Storage temperature:	-40...+85 °C
Permitted humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 20 (according to EN 60 529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to directive 2011 / 65 / EU



KYMASGARD® IN400-FSE-UP Pushbutton interface				
Type / WG02	Channels	Installation	Item no.	Price
IN400-FSE-UP				
IN400-FSE-UP	4	In-wall	1801-7444-0100-300	147,94 €
Compatibility	For an overview, see the start of the chapter			



S+S REGELTECHNIK

KYMASGARD® JA200 - FEM - AP

Radio receiver,
Venetian blind actuator with 2 channels,
on-wall

JA200 - FEM - AP

The Venetian blind actuator **KYMASGARD® JA200-FEM-AP** is a device with two channels for in-wall or on-wall installation. Initiated by up to 30 radio transmitters (wall-mounted and hand-held transmitters, motion detectors, outdoor light sensor) as well as by the four auxiliary inputs, two roller shutter/blind motors can be controlled independently via its four auxiliary inputs.

Different functions can be allocated to that output, depending on the parameter setting. The repeater function can be additionally activated by means of a simple procedure.

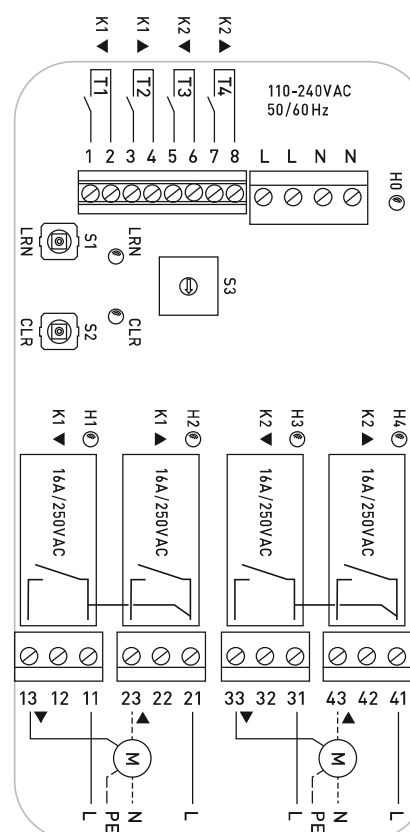
TECHNICAL DATA

Operating mode:	moving Up / Down (long push of button), adjusting blades (short push of button)
Radio technology:	EnOcean protocol, modulation ASK, 868 MHz, transmission power max. 10 mW, telegram type 4BS
Rated voltage:	110 - 240 V, 50 / 60 Hz
Fusing:	16 A
Operating elements:	2 buttons ("LRN"/"CLR") 2 LEDs ("LRN"/"CLR") 1 rotary switch with 16 positions
Channels:	2 channels
Standby consumption:	0.6 W
Load output / Connected load:	4 secured normally open contacts, potential-free rated current: 16 A / 250 V AC max. switch-on current: 130 A / 20 ms max. switching capacity AC1: 4000 VA max. switching capacity AC15: 750 VA motor load 1Ph AC3 / 230 V AC: 1 kW capacitive load: 30 µF
Switching properties:	parametrisable
Connection:	4 mm ² , via terminal screws
Housing:	plastic, material ABS, 170 x 85 x 40 mm
Mounting:	On-wall
Ambient temperature:	-20...+40 °C (in operation)
Storage temperature:	-40...+85 °C
Permitted humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 42 (according to EN 60 529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to directive 2011 / 65 / EU



Connection diagram

JA200 - FEM - AP



KYMASGARD® JA200 - FEM - AP Venetian blind actuator

Type / WG02	Channels	Switching element	Installation	Item no.	Price
JA200 - FEM - AP					
JA200-FEM-AP	2	Normally open contact	On-wall	1801-7453-0500-300	292,00 €
Compatibility For an overview, see the start of the chapter					

Radio receiver,
switching actuator with 4 channels,
on-wall

The switching actuator **KYMASGARD® SA400-FEM-AP** is a device with four potential-free channels for on-wall installation. Initiated by up to 30 radio transmitters (wall-mounted and hand-held transmitters, motion detectors, outdoor light sensors) and the auxiliary inputs, up to four different groups of electric consumers can be switched.

Each taught-in transmitter can be assigned a different function such as a sequential pushbutton function or a 10-minute switch-off delay. The repeater function can be additionally activated by means of a simple procedure.

TECHNICAL DATA

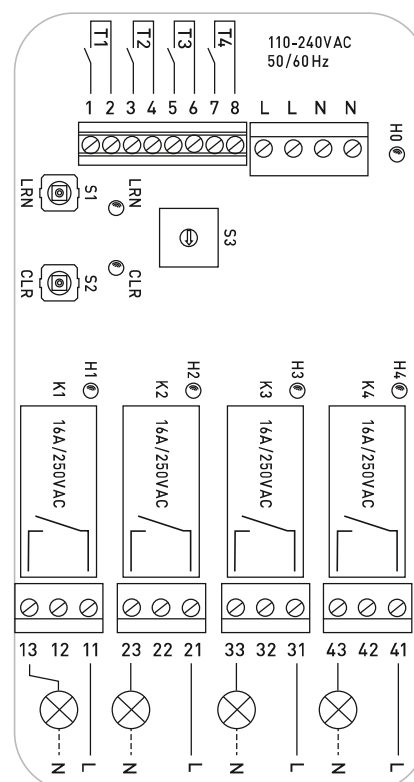
Operating mode:	switching ON /OFF (long push of button), pulse switch, stepping switch
Radio technology:	EnOcean protocol, modulation ASK, 868 MHz, transmission power max. 10 mW, telegram type 4BS
Rated voltage:	110 - 240 V, 50 / 60 Hz
Fusing:	16 A
Operating elements:	2 buttons ("LRN"/"CLR") 2 LEDs ("LRN"/"CLR") 1 rotary switch with 16 positions
Channels:	4 channels
Standby consumption:	0.6 W
Load output / Connected load:	normally open contact potential free rated current: 16 A / 250 V AC max. switch-on current: 130 A / 20 ms max. switching capacity AC1: 4000 VA max. switching capacity AC15: 750 VA filament bulbs: 2000 W halogen lamps 230 V AC: 2000 W fluorescent lamps, uncompensated: 1000 W fluorescent lamps, compensated: 750 W fluorescent lamps, duo-connection: 1000 W motor load 1Ph AC3 / 230 V AC: 1 kW electronic ballast assuming 30 µF: 3 unit capacitive load: 30 µF
Switching properties:	parametrisable
Connection:	4 mm ² , via terminal screws
Housing:	plastic, material ABS, 170 x 85 x 40 mm
Mounting:	On-wall
Ambient temperature:	-20...+40 °C (in operation)
Storage temperature:	-40...+85 °C
Permitted humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 42 (according to EN 60529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to directive 2011 / 65 / EU

SA400 - FEM - AP



Connection diagram

SA400 - FEM - AP



KYMASGARD® SA400 - FEM - AP Switching actuator

Type / WG02	Channels	Switching element	Installation	Item no.	Price
SA400 - FEM - AP					
SA400-FEM-AP	4	Normally open contact	On-wall	1801-7454-0200-300	315,49 €
Compatibility For an overview, see the start of the chapter					



S+S REGELTECHNIK

KYMASGARD® SV600 - FEM - AP

Radio receiver,
control valve actuator with 6 channels,
on-wall

The control valve actuator **KYMASGARD® SV600 - FEM - UP** is a device with six channels for on-wall installation. Initiated by up to 30 radio transmitters (wall-mounted and hand-held transmitters, motion detectors, room temperature sensor, window contact), up to six electrothermic actuators in 2-position control can be controlled for room temperature regulation.

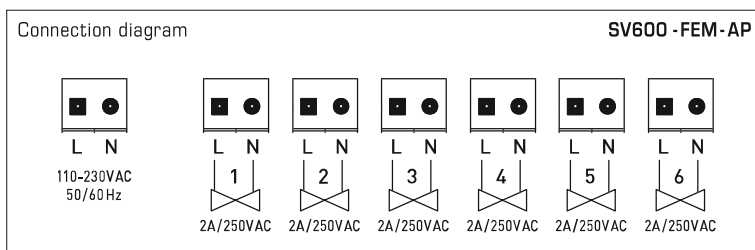
The corresponding fixed function, such as the selection of the operating mode, frost protection function, etc., is assigned directly when teaching-in the transmitter. The repeater function can be additionally activated by means of a simple procedure.

SV600 - FEM - AP



TECHNICAL DATA

Operating mode:	switching ON/OFF in 2-position control
Radio technology:	EnOcean protocol, modulation ASK, 868 MHz, transmission power max. 10 mW, telegram type 4BS
Rated voltage:	110 - 240 V, 50 / 60 Hz
Fusing:	16 A
Operating elements:	2 buttons ("LRN"/"CLR") 2 LEDs ("LRN"/"CLR") 1 rotary switch with 16 positions
Channels:	6 channels
Standby consumption:	0.6 W
Load output / Connected load:	electronic switching contact rated current: 2 A / 250 V AC max. switch-on current: 2 A / 2 ms max. switching capacity AC1: 500 VA
Switching properties:	parametrisable
Connection:	4 mm ² , via terminal screws
Housing:	plastic, material ABS, 170 x 85 x 40 mm
Mounting:	On-wall
Ambient temperature:	-20...+40 °C (in operation)
Storage temperature:	-40...+85 °C
Permitted humidity:	5...90 % r.H., non-precipitating air
Protection type:	IP 42 (according to EN 60 529)
Standards:	CE conformity, EN 090-2-2, EN 60669-2-1, ROHS conformity according to directive 2011 / 65 / EU



KYMASGARD® SV600 - FEM - AP Control valve actuator					
Type / WG02	Channels	Switching element	Installation	Item no.	Price
SV600 - FEM - AP					
SV600-FEM-AP	6	electronic	On-wall	1801-7456-0800-300	288,61 €
Compatibility		For an overview, see the start of the chapter			



**HVAC & BYGNINGS-
AUTOMATIK**

VORES PRODUKTSORTIMENT INKLUDERER:



TEMP. AKTIV - UDEFØLERE



POWER IO



RUMFØLERE



TILBEHØR



TRÅDLØS



TEMPERATURCONTROLLERE

VI FØRER PRODUKTER INDENFOR KATEGORIERNE:



AUTOMATIK



ELVARME



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