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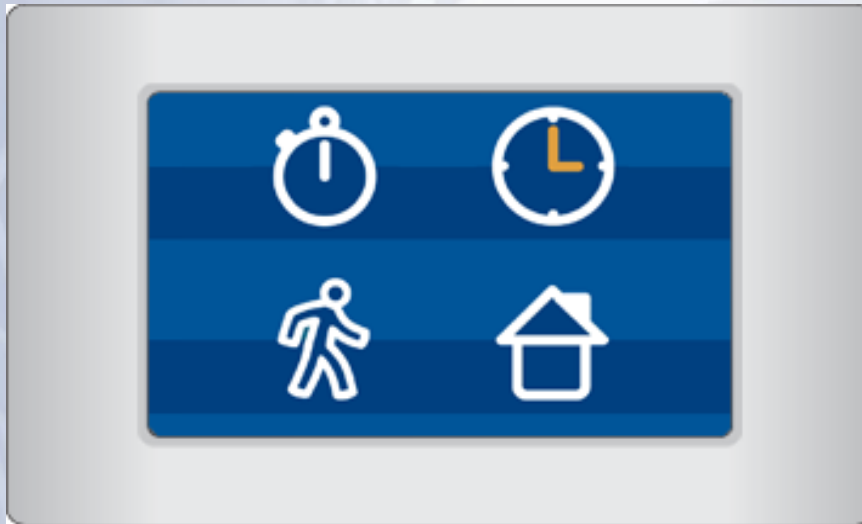
Sensors

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MEKBUS

3



4,3” color resistive touch screen

4 different pages

Up to 20 point to point controls and up to 20 scenes

10 weekly timings

Arming/disarming intrusion alarm (4 zones)

Presence simulation

Managing independent climate area

Supply	Consumption	Size	Mounting	Programming
29 Vdc	80 mA	145 x 86 x 10 mm	Screwed on wall	Specific App

MEKBUS-G

4



4,3" color capacitive touch screen

4 different pages

Up to 20 point to point controls and up to 20 scenes

10 weekly timings

Arming/disarming intrusion alarm (4 zones)

Presence simulation

Managing independent climate area

Supply	Consumption	Size	Mounting	Programming
29 Vdc	80 mA	129 x 88 x 4 mm	Flush mounting Screwed on wall	Specific App

Graphic controls



PPKL4-G

5



4,3” color capacitive touch screen

Wifi connectivity

Integrated Web Server

16 different pages to locate icons upon 3D drawings

Scenes editing

Annual timings

Arming/disarming intrusion alarm or presence simulation

Weather forecast

Supply	Consumption	Size	Mounting	Programming
29 Vdc	250mA from aux pow supply (18-30 Vdc)	129 x 88 x 4 mm	Flush mounting Screwed on wall	SIDEKNX

Graphic controls



PPKL7

6



7" color resistive touch screen

Wifi connectivity

Integrated Web Server

16 different pages to locate icons upon 3D drawings

Scenes editing

Annual timings

Arming/disarming intrusion alarm or presence simulation

Weather forecast

Supply	Consumption	Size	Mounting	Programming
29 Vdc	250mA from aux pow supply (18-30 Vdc)	212 x 120 x 15 mm	Screwed on wall	SIDEKNX

Graphic controls



PPKL7-G

7



7" color capacitive touch screen

Wifi connectivity

Integrated Web Server

16 different pages to locate icons upon 3D drawings

Scenes editing

Annual timings

Arming/disarming intrusion alarm or presence simulation

Weather forecast

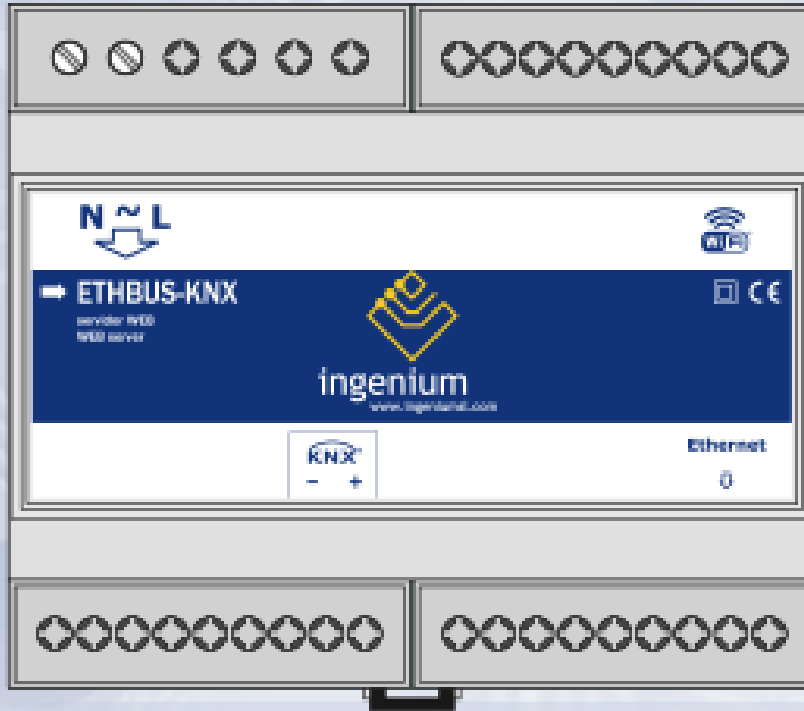
Supply	Consumption	Size	Mounting	Programming
29 Vdc	250mA from aux pow supply (18-30 Vdc)	207 x 140 x 4 mm	Flush mounting Screwed on wall	SIDEKNX

Graphic controls



ETHBUS-KNX

8



Web server for remote control of KNX installations

Control from any iOS, Android or Samsung Smart TV device or using a PC connected to the internet.

Local or remote control

Wi-Fi Connectivity. It supports up to 100 control pages and up to 100 scenes.

Supply	Consumption	Size	Mounting	Programming
230 Vac 29 Vdc KNX BUS	2.6VA @ 230 Vac 1 mA from KNX BUS	6 modules	DIN RAIL	SIDEKNX

Graphic controls



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Graphic
controls

**ON/OFF
actuators**

Dimmers

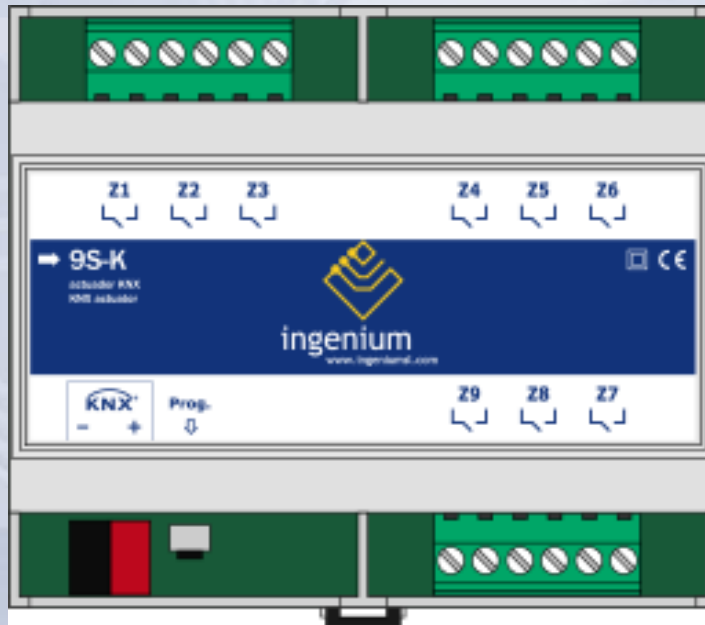
Sensors

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9S-K

10



9 digital output actuator
9 relay outputs potential free with a breaking capacity 16A @ 230V AC per output

Each output could work independently in different mode than others.

e.g. 4 outputs to controls blinds and the rest to control lights, etc.

Supply	Consumption	Size	Mounting	Programming
29 Vdc from KNX BUS	5mA from KNX BUS	6 modules	DIN RAIL	ETS plug-in

ON/OFF actuators



6E4S-16A / 6E4S-30A

11



6 digital input and 4 digital output actuator

To control 4 electrical loads or 2 blinds/curtains

4 relay outputs potential free

Two models available with different relay breaking capacities:

- 16 A @ 230V AC
- 30 A @ 230V AC

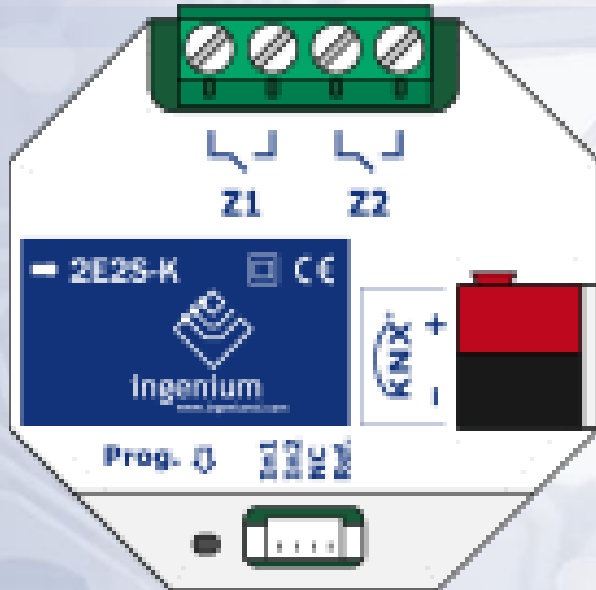
Supply	Consumption	Size	Mounting	Programming
29 Vdc from KNX BUS	5mA from KNX BUS	4 modules	DIN RAIL	ETS plug-in

ON/OFF actuators



2E2S

12



2 digital input and 2 digital output actuator

To control 2 electrical loads or 1 blind/curtain

2 relay outputs potential free

Switching capacity 16A @ 230V AC

Supply	Consumption	Size	Mounting	Programming
29 Vdc from KNX BUS	5mA from KNX BUS	45x45x28mm	Mounted built-in on distribution box	ETS plug-in

ON/OFF actuators



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Graphic
controls

ON/OFF
actuators

Dimmers

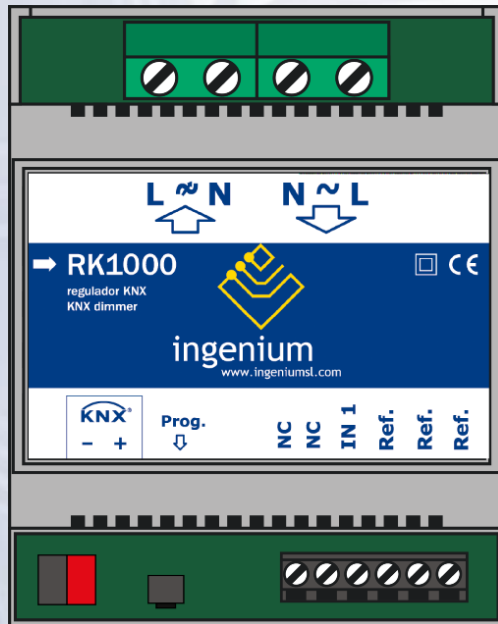
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RK1000 / RK2000

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1x1000W or 1x2000W
channel proportional
actuator

Triac dimmer

Configurable values:
Ramp control, lower
limit and upper limit

More than 200 regulate
points

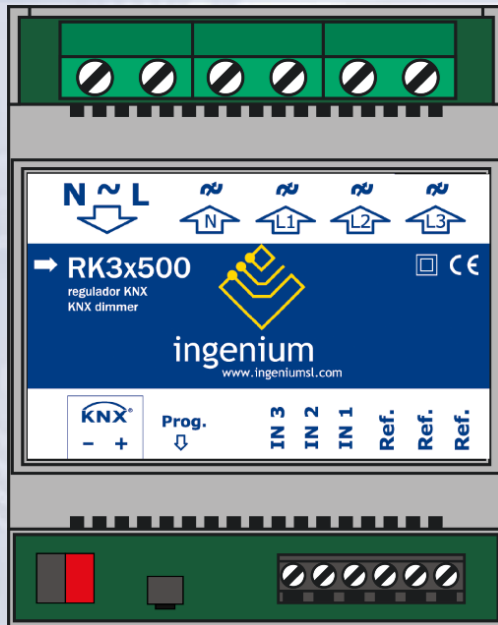
Programming up to 8
scenes

1 low voltage input
(SELV)

Supply	Consumption	Size	Mounting	Programming
230Vac 29 Vdc from KNX BUS	0.5W @ 230VAC 5mA from KNX BUS	4 modules	DIN RAIL	ETS plug-in

RK3x500

15



Proportional actuator to regulate 3 channels of 500W each

Triac dimmer

Configurable values:
Ramp control, lower limit and upper limit

More than 200 regulate points

Programming up to 8 scenes

3 low voltage inputs (SELV)

Supply	Consumption	Size	Mounting	Programming
230Vac 29 Vdc from KNX BUS	0.5W @ 230VAC 5mA from KNX BUS	4 modules	DIN RAIL	ETS plug-in

RGBL-K

16



Proportional actuator to regulate RGB Led modules

Possibility to control each channel individually (maximum 3A/channel)

PWM dimming method

Configurable values: Ramp control, lower limit and upper limit

Digital regulation with more than 200 regulate points

Programing up to 8 scenes

Supply	Consumption	Size	Mounting	Programming
10 - 24 Vdc from LED transformer	5mA from LED transformer supply	77 x 35 x 17 mm	Luminaire or ceiling integration	ETS plug-in

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Graphic
controls

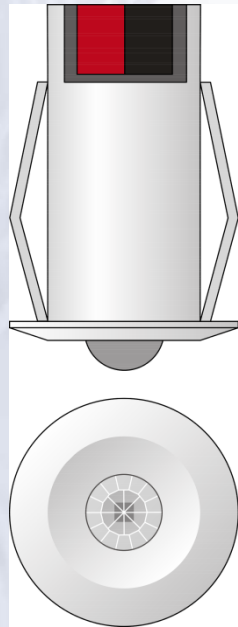
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Double detector: Infrared presence + light level sensor

Possibility to adjust the light working-time as well as the threshold light level

Easy parameterization, being suitable for lighting functions, as well as people detection and intruder control

It also includes an additional channel that can work in dependence of daylight or permanently

Detection range: Ø 5m at 2.5m height.

Supply	Consumption	Size	Mounting	Programming
29 Vdc from KNX BUS	4mA from KNX BUS	Ø Embedded: 25mm / Ø Seen: 36mm	Mounted on the ceiling (embedded)	ETS parameters



Hidden 360° movement radiofrequency detector

Easy parameterization, suitable for lighting functions as well as people detection and intruder control

Detection area at 2.5m height:

Guaranteed: 6x3m
Maximum: 12x6m.

Supply	Consumption	Size / Weight	Mounting	Programming
29 Vdc from KNX BUS or from aux pow sup	35mA from KNX BUS or from aux pow sup	25x45x65mm. / 115g	over false ceilings or hidden in walls	ETS parameters

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DALIK

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Gateway between DALI protocol lights and KNX devices.

It allows to control up to 64 DALI lights and up to DALI 16 groups.

Program up to 8 scenes for each DALI device

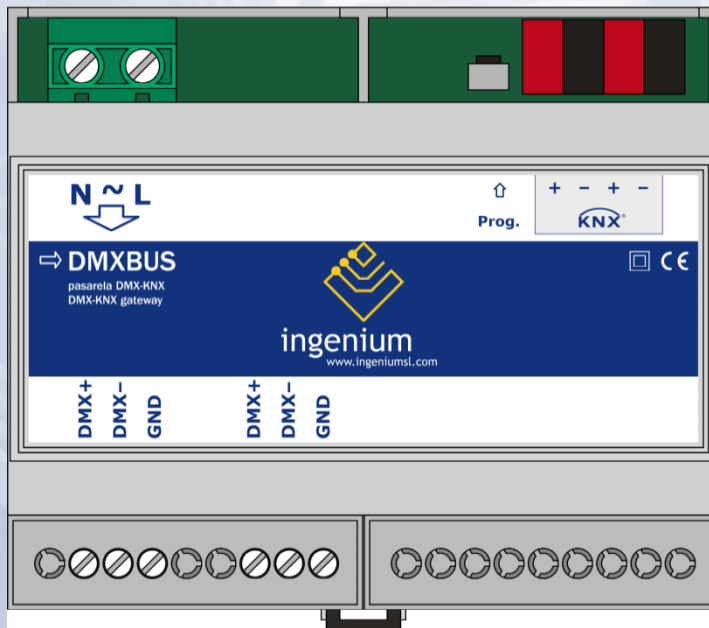
Extra functionalities for DALI emergencies: status check and alarms, battery percentage, functional tests, etc.

DALI addressing and commissioning functions: off-line and on-line modes.

Supply	Consumption	Size	Mounting	Programming
230Vac 29 Vdc from KNX BUS	2,8 VA @ 230VAC 5mA from KNX BUS	4 modules	DIN RAIL	ETS plug-in

DMXBUS-K

22



Gateway KNX - DMX 512

It allows to regulate the 512 channel supported by DMX protocol and to execute up to 16 different scenes.

It permits to regulate individually each DMX channel or to program a complex group of commands in a scene.

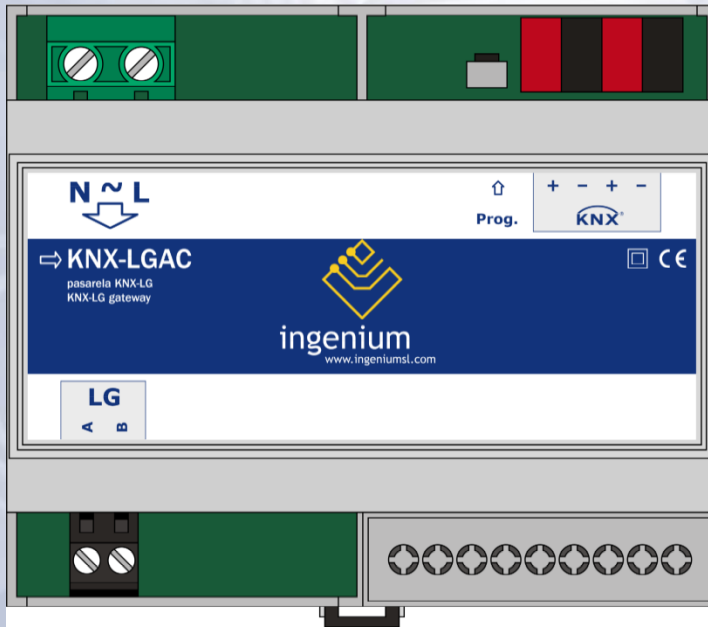
Supply	Consumption	Size	Mounting	Programming
230Vac 29 Vdc from KNX BUS	2,6VA @ 230VAC 1mA from KNX BUS	6 modules	DIN RAIL	ETS plug-in

Integrations



LGAC-KNX

23



Gateway KNX - LG HVAC

Possibility to control up to 64 inside units.

Direct connection to LG outdoor units RS485 bus.

It allows to control set-point temperature, current temperature, function modes (cold, heat, ventilation, drying or automatic) and fan speed (low, medium, high or auto).

Supply	Consumption	Size	Mounting	Programming
230Vac 29 Vdc from KNX BUS	2,6VA @ 230VAC 1mA from KNX BUS	6 modules	DIN RAIL	ETS plug-in

IRKNX

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Infrared emitter with learning capability.

It is able to storage of up to 255 codes.

Maximum distance to receiver: 8m

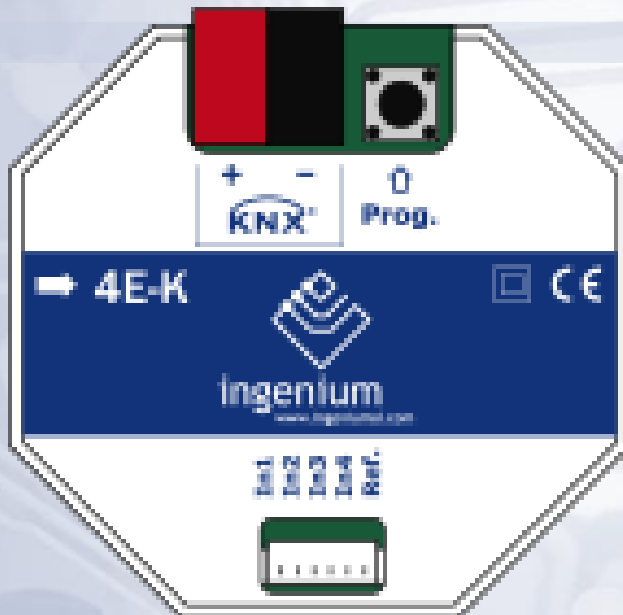
8 programmable bit communication objects.

Suitable for IR transmitters in the 40kHz band.

Supply	Consumption	Size	Mounting	Programming
29 Vdc from KNX BUS	5mA from KNX BUS	75x30x12mm	Hidden and focus on destiny	ETS plug-in

4E-K

25



Adaptor for mechanical controls to KNX

Device with 4 digital low voltage inputs with 2 programmable scenes each

Possibility to connect to switches or push-buttons. Maximum wired distance : 30m.

Activated when connected to Ref.

Supply	Consumption	Size	Mounting	Programming
29 Vdc from KNX BUS	5mA from KNX BUS	45x45x10mm	Mounted built-in on distribution box	ETS plug-in

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Official ingenium Apps

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Official Apps to control and manage KNX installations using Smartphones, Tablets, PCs or SmartTVs:

- iOS
- Android
- Samsung SmartTV
- PC (Java)



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