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Simon KNX system

Simon | KNX

Residential &
Commercial Solutions

simon
LIGHT UP EMOTIONS

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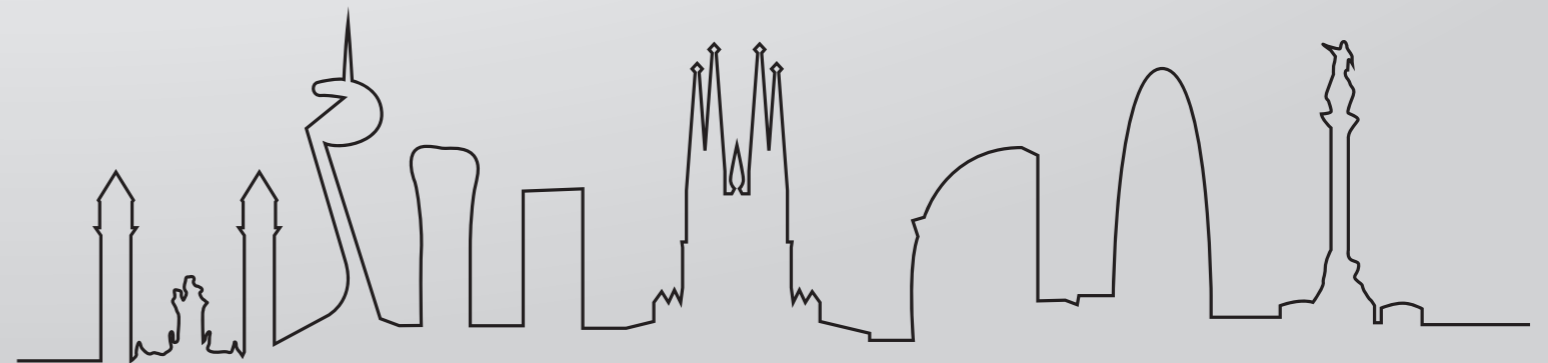
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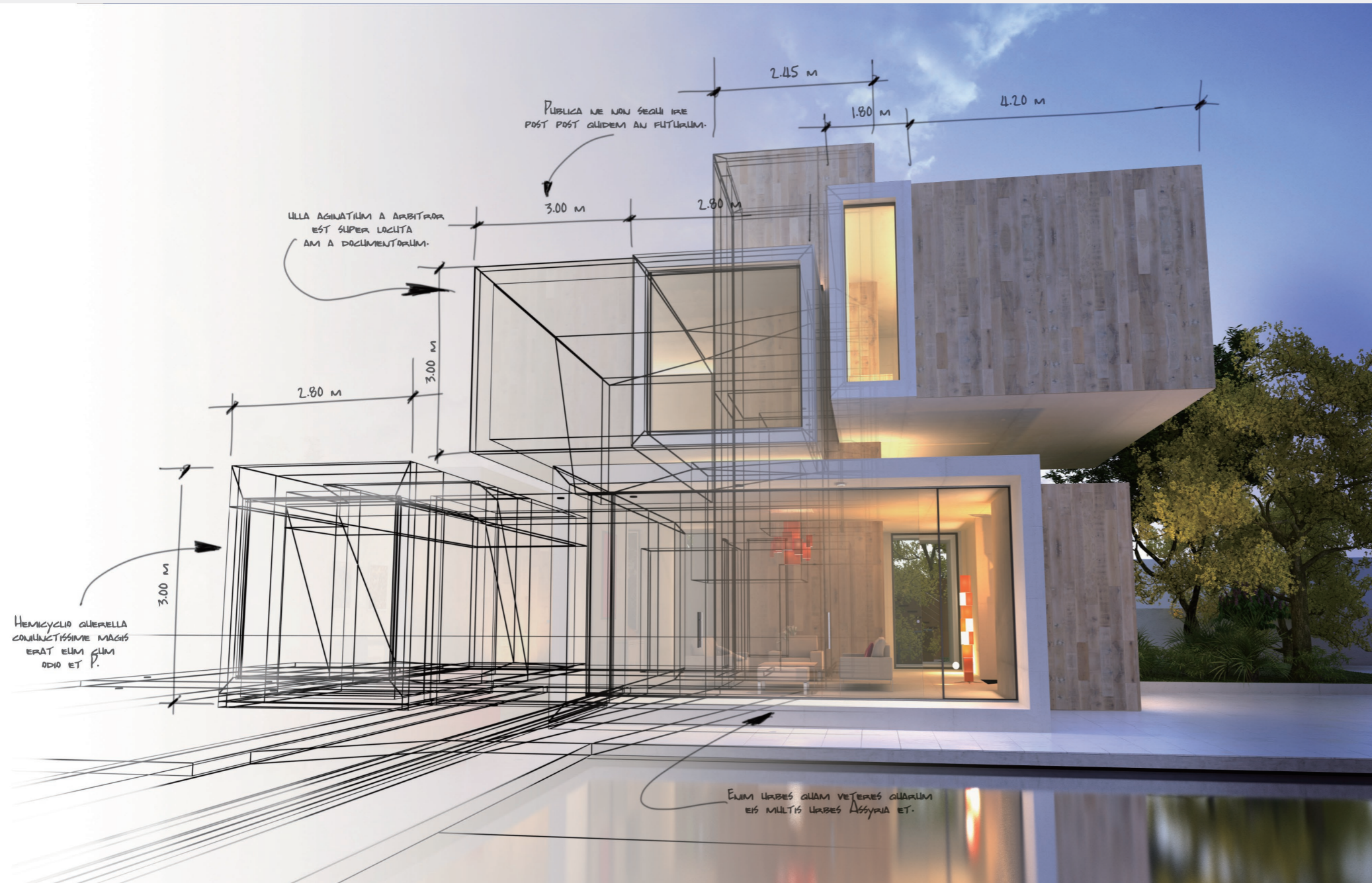
simon

simon

We extend the life of a more than 100 years Company by never ceasing innovation.
In Simon we always care and pay attention to the changes of people's habitat and adapt our products accordingly.

For a more interconnected world we develop a new smart way.
Let's start your Smart life from here..



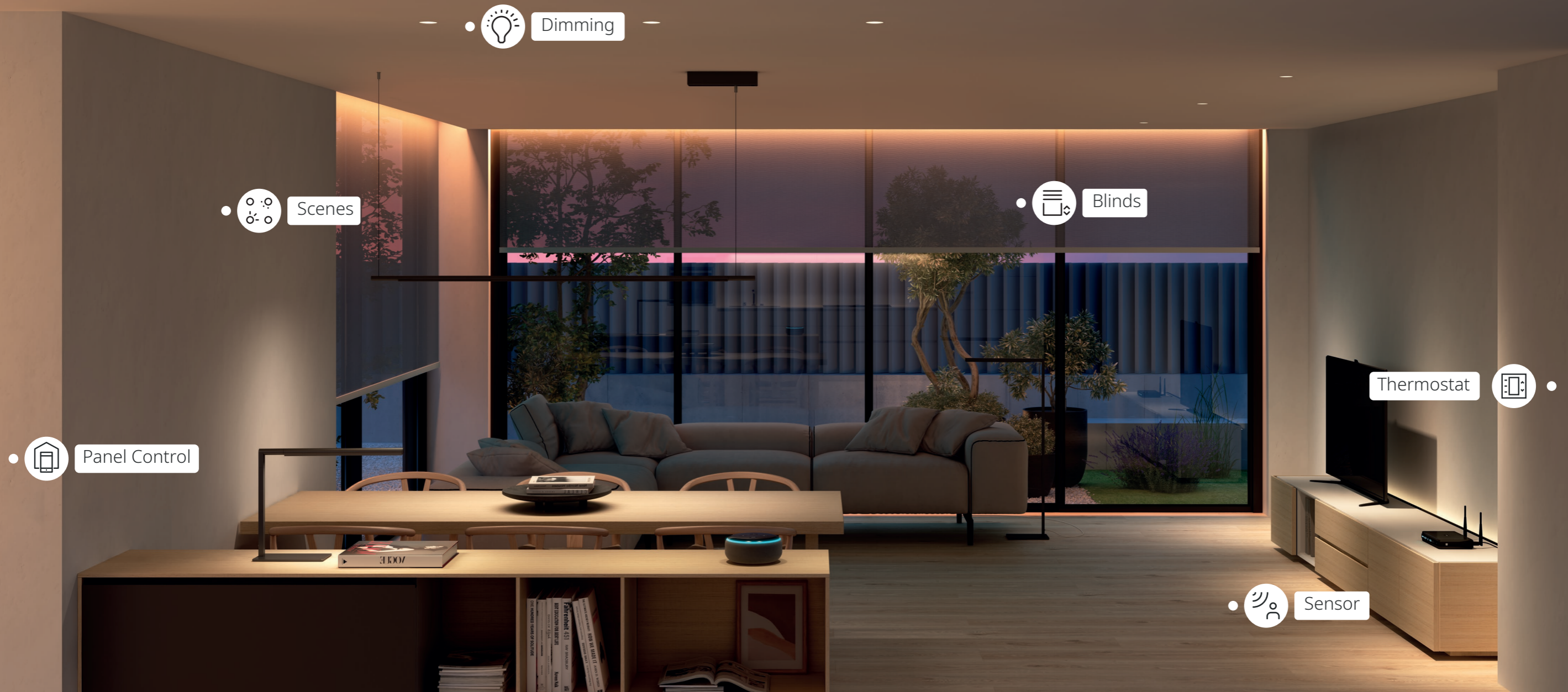


KNX

The world's leading open standard for building automation—redefines the relationship between space and technology through efficiency, flexibility, and seamless connectivity, offering a complete ecosystem from core components to turnkey solutions, and technical compliance to sustainable evolution, ensuring every connection is precise.

Content

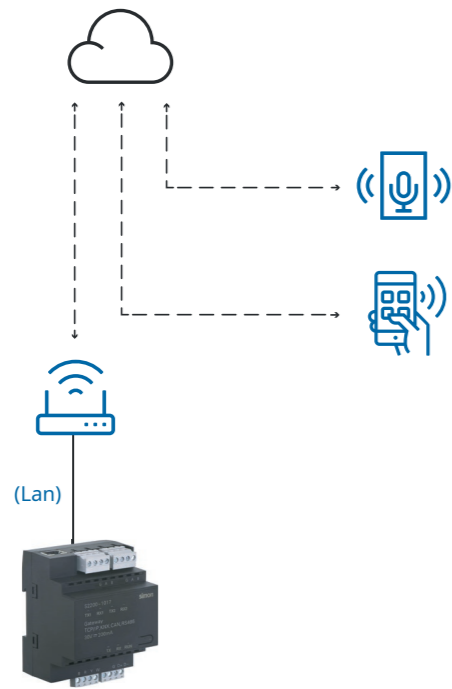
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KNX Principle – Harmony by Design

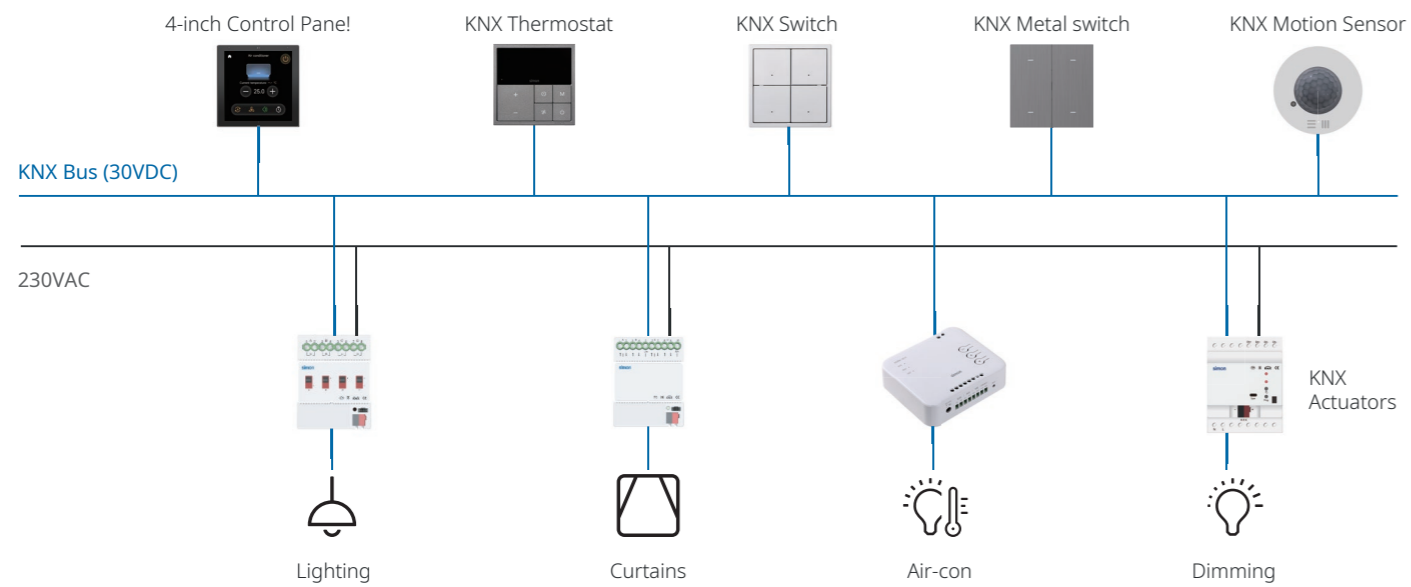
Picture this moment: as evening falls, lights softly dim to a warm glow, and the room temperature adjusts to comfort—all flowing together in a single, unified gesture. This is KNX, one language, one system, bringing every element of your space into intelligent harmony. It's not just automation— it's the art of interaction.

How it works



Bridge your worlds, unify your control.

Through KNX bridge gateway, seamlessly connect KNX system to Simon smart ecosystem. Command everything from one intuitive APP.



KNX operates on a low-voltage control principle where all devices communicate through a shared bus system.

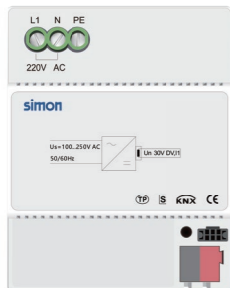
When a user interacts with KNX switch, it sends digital commands through KNX bus to connected actuators, then these actuators process the signals and control high-voltage loads accordingly.

The system's flexible software-based programming enables full reconfiguration of device functionalities without requiring any physical rewiring modifications.



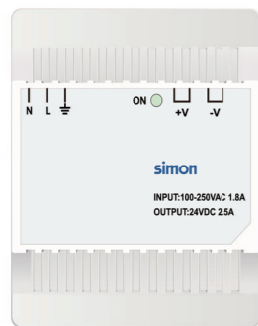
System Components

KNX Power Supply, 640mA



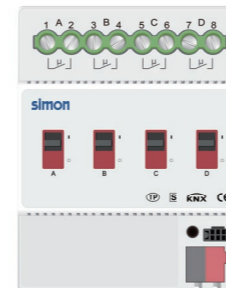
Product Code	S00E0-S074
Function	Provides bus voltage for up to 64 KNX bus devices Integrated choke device for bus power isolation Equipped with a reset button for system forced reset
Input Voltage	230VAC, 50/60 Hz
Output Voltage	DC30V±1 V
Output Current	640mA (with short-circuit protection)
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	92x74x64mm(L*W*D)

24V 2.5A Auxiliary Power Supply



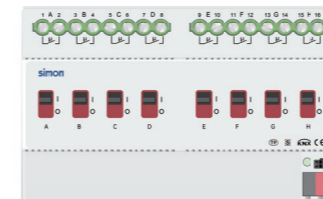
Product Code	S00E0-S075
Function	Provide auxiliary power supply for KNX screens, switches and other devices Integrated grounding ensures protection against leakage and surface charges
Input Voltage	230VAC, 50/60 Hz
Output Voltage	DC24V±1 V
Output Current	≤2.5A
Operating Temperature	5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	94x79x56mm(L*W*D)

4-Channel 16A KNX Switching Actuator



Product Code	S00E0-S076
Function	4-Channel 16A relay outputs with manual mechanical control Supports programmable functions including scenarios, delays, presets, and more
Rated Voltage	230VAC, 50/60 Hz
Rated Current	16A
KNX Operating Voltage	30VDC
KNX Operating Current	≤10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	92x74x64mm(L*W*D)

8-Channel 16A KNX Switching Actuator



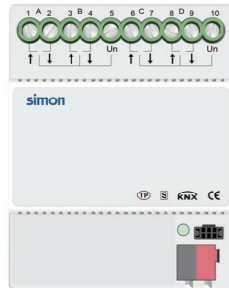
Product Code	S00E0-S077
Function	8-Channel 16A relay outputs with manual mechanical control Supports programmable functions including scenarios, delays, presets, and more
Rated Voltage	230VAC, 50/60 Hz
Rated Current	16A
KNX Operating Voltage	30VDC
KNX Operating Current	≤10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	92x144x64mm(L*W*D)

12-Channel 16A KNX Switching Actuator



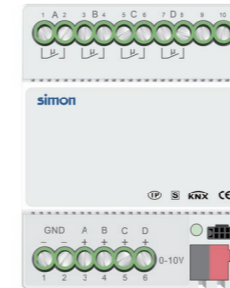
Product Code	S00E0-S078
Function	12-Channel 16A relay outputs with manual mechanical control Supports programmable functions including scenarios, delays, presets, and more
Rated Voltage	230VAC, 50/60 Hz
Rated Current	16A
KNX Operating Voltage	30VDC
KNX Operating Current	≤10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	92x216x64mm(L*W*D)

4-Channel KNX Shutter Actuator



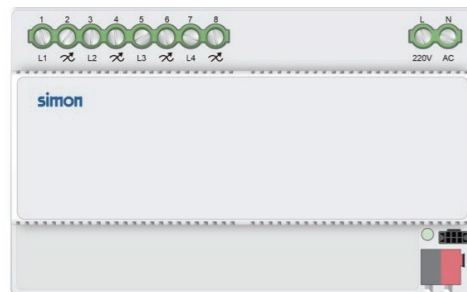
Product Code	S00E0-S081
Function	Independent 230V AC blind/shutter drive control, blind channel functions are fully configurable Supports blind/shutter type selection, operation time, pause duration, and incremental movement control Supports programmable functions including scenarios, manual/auto modes, and multi-status display with feedback
Rated Voltage	230VAC, 50/60 Hz
Rated Current	6A
KNX Operating Voltage	30VDC
KNX Operating Current	≤ 10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	92x74x64mm(L*W*D)

4-Channel KNX 1-10V Dimming Actuator



Product Code	S00E0-S079
Function	Provides on/off and 1-10V dimming control for compatible lighting fixtures Each circuit supports simultaneous triggering by six 8-bit scenes with 64 selectable scene numbers Supports programmable functions including on-off, relative/absolute dimming, dimming speed, delays, scenes, and status feedback
Rated Voltage	230VAC, 50/60 Hz
Rated Current	10A
KNX Operating Voltage	30VDC
KNX Operating Current	≤ 10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	92x74x64mm(L*W*D)

4-Channel KNX Triac Dimming Actuator



Product Code	S00E0-S095
Function	Provides dimming control of resistive loads such as incandescent and halogen lamps, and LED lamp loads compatible with leading-edge dimming Supports programmable functions including on-off, relative/absolute dimming, dimming speed, brightness limit settings, memory function, on/off delay, scenes, and status feedback
Rated Voltage	230VAC, 50/60 Hz
Load Power	400W
KNX Operating Voltage	30VDC
KNX Operating Current	≤ 10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	92x144x64mm(L*W*D)

KNX to DALI Gateway



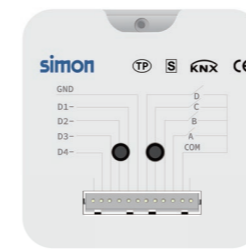
Product Code	S00E0-S080
Function	Integrated DALI bus power supply and controller Provides full DALI control functionality including on-off, dimming, tunable white, and scenes Supports individual control of up to 64 DALI devices and 16 groups
KNX Operating Voltage	30VDC
KNX Operating Current	<10mA
Auxiliary Operating Voltage	230VAC
Auxiliary Operating Current	<55mA
DALI Bus Voltage	16~18V
DALI Bus Cable Cross-Section	1.5mm ² (recommend)
System Capacity	≤ 64 DALI devices
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	90x72x64mm(L*W*D)

KNX Line Coupler



Product Code	S00E0-S082
Function	With routing, address filtering, and repeater functions for inter-line communication and branch line extension
KNX Operating Voltage	30VDC
KNX Operating Current	≤ 10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	90x36x71mm(L*W*D)

KNX Universal Interface, 4-Channel Input & 4-Channel Output



Product Code	S00E0-S087
Function	Supports dry contact signal input, feedback signal output Supports programmable functions including on-off, dimming or blind/shutter control
KNX Operating Voltage	30VDC
KNX Operating Current	≤ 10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	56x56x15mm(L*W*D)

KNX IP Gateway



Product Code	S00E0-S083
Function	Enables fast backbone communication between KNX lines via IP Connects PC to the KNX bus for ETS configuration Supports dynamic IP address assignment either via a DHCP server or manual configuration (through ETS parameters) Provides PC-to-KNX bus connectivity for ETS software integration, enabling telegram monitoring and application program downloads
KNX Operating Voltage	30VDC
KNX Operating Current	≤ 10mA
Auxiliary Operating Voltage	9~30VDC
Auxiliary Operating Current	<500mA
Starting Current	≥ 500mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	92x72x64mm(L*W*D)

KNX Universal Interface, 8-Channel Input



Product Code	S00E0-S088
Function	Supports dry contact signal input Supports programmable functions including on-off, dimming or blind/shutter control
KNX Operating Voltage	30VDC
KNX Operating Current	≤ 10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	56x56x15mm(L*W*D)

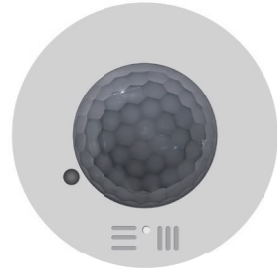
KNX to RS485 gateway



Product Code	S00E0-S096
Function	Integration with M7 thermostat via RS485 interface, Provides unified control of M7 thermostat from the KNX system
KNX Operating Voltage	30VDC
KNX Operating Current	≤ 10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	56x56x15mm(L*W*D)

Simon-KNX Module

KNX Motion Sensor (PIR)



Product Code	S00E0-S084
Function	Features indoor motion detection and illuminance sensing capability Detects indoor motion and transmits control signals via KNX Supports programmable functions including motion sensing, illuminance sensing, constant illuminance dimming, and integrated logic control
KNX Operating Voltage	30VDC
KNX Operating Current	< 10mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Dimension	Φ66mm
Cutout Dimension	55 < d < 58mm
Installation	Ceiling mounted, recommended mounting height is 2.5~3m

KNX Presence Sensor (Microwave)



Product Code	S00E0-S085
Function	Features millimeter-wave Doppler radar for human biological motion detection with KNX control signal transmission Features illuminance sensing capability Supports programmable functions including motion sensing, illuminance sensing, constant illuminance dimming, and integrated logic control
KNX Operating Voltage	30VDC
KNX Operating Current	< 12mA
Auxiliary Operating Voltage	24VDC
Auxiliary Operating Current	< 15mA
Operating Temperature	-5°C~45°C
Operating Humidity	5% ~ 95% RH (non-condensing)
Cutout Dimension	55mm
Installation	Ceiling mounted, recommended mounting height is 2.6~3.2m

VRF AC gateway with KNX port



Product Code	S2200-1011
Function	Docks to mainstream VRF brands(such as Daikin, Panasonic...) Enables A/C control including power on/off, working mode, temperature, and fan speed adjustment via KNX
Rated Voltage	DC12V
Power Consumption	< 2W
Operating Temperature	-20°C~60°C
Operating Humidity	0 ~ 90% RH (non-condensing)
Dimension	100x86x28mm(L*W*D)

Docking AC gateway with KNX port (universal)



Product Code	S00E0-S097
Function	Docks to mainstream VRF brands(such as Daikin, Mitsubishi Electric, Panasonic...) Enables A/C control including power on/off, working mode, temperature, and fan speed adjustment via KNX
Rated Voltage	DC12V
Power Consumption	< 2W
Operating Temperature	-20°C~60°C
Operating Humidity	0 ~ 90% RH (non-condensing)
Dimension	96x106x58mm(L*W*D)

KNX to Simon smart bridge



Product Code	S2200-1017
Function	Enables KNX devices to connect to the Cloud via a wired network, allowing direct control of the KNX devices through the Simon Smart APP.
KNX Operating Voltage	30VDC
KNX Operating Current	< 20mA
Auxiliary Operating Voltage	10~30VDC
Auxiliary Operating Current	< 600mA
Operating Temperature	-10°C~45°C
Operating Humidity	5%~95% RH(non-condensing)
Dimension	100*71.7*65.5mm(L*W*D)



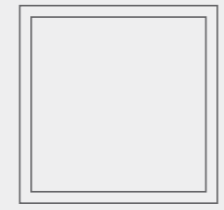
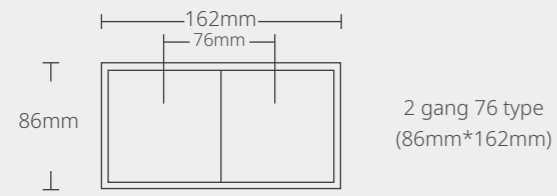
Simon | i7

Elegant Simple Unique Sophisticated

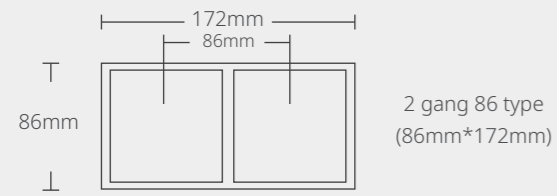
i7 KNX Switch

Experience elegant control with this KNX switch. Its proportionate, vertical lines house advanced intelligence, allowing both short and long presses to be tailored to your environment.

Seamless Frame



1 Gang

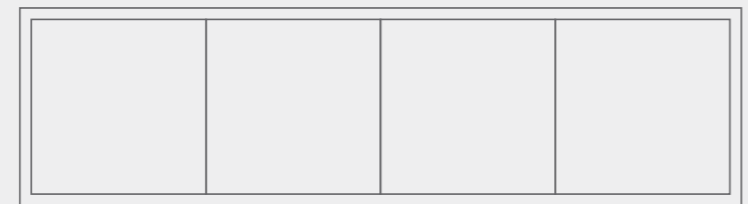


2 Gang

Support 76 & 86 type mounting box



3 Gang



4 Gang



5 Gang

i7 series of switches and sockets have multi-gang frames (up to 5 gangs) with multiple combinations.

No Wall is Beyond Reach

Elegant framed architecture with seamless multi-gang linking capability.



Color, Curated



White



Champagne



Grey

The matt and techno color effect can adapt to any interior style and gives a sophisticated feeling.

Three color options: white, champagne, grey.
High quality PC material



Design meets Control



CUSTOMIZATION

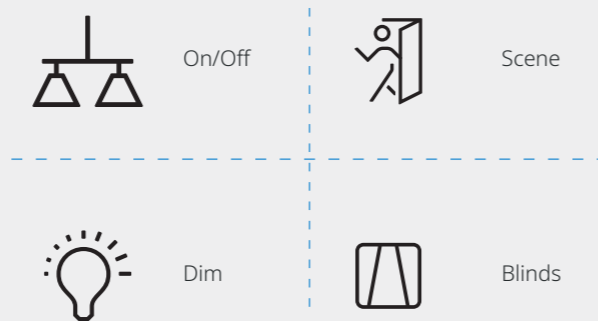
Laser-engraved labels for clear function identification

FUNCTION

Multi-control (On/Off, Dim, Scene, Blinds)

Short/Long-press functionality

7-color options for LED indicator



Define your control

Customized engraving with fully configurable command capability.



Elegant Climate

i7 KNX thermostat

A seamless interface for orchestrating the perfect atmosphere, responding to your touch with quiet precision.



Switch



70E901
1 gang smart KNX switch module



70E902
2 gang smart KNX switch module

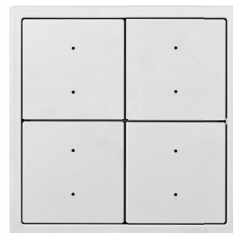


70E903
3 gang smart KNX switch module



70E904
4 gang smart KNX switch module

Socket



70E905
8 gang smart KNX switch module



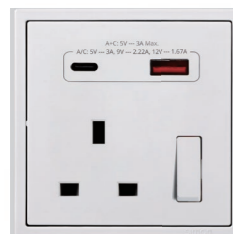
70E7034
All-in-one smart KNX AC thermostat controller module



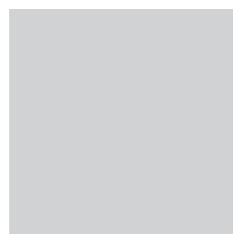
70E7253
Multi-standard Switched Socket Module with USB A+C Chargers



71E7251
Twin EU-US with Earth Socket with USB A+C Chargers



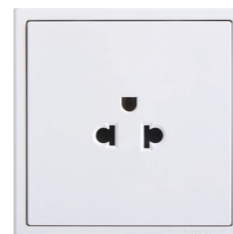
70E7254
13A BS Switched Socket Module with USB A+C Chargers



70E7256
Schuko Socket Module with USB A+C Chargers



701080
2 Pin Socket and Multi-standard Socket Module



701087
Single EU-US with Earth Socket Module



701382
13A BS Switched Socket Module



701687
Schuko Socket Module

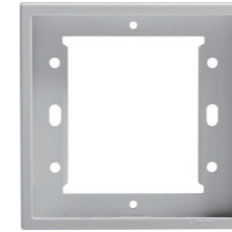


701582
15A BS Switched Socket Module

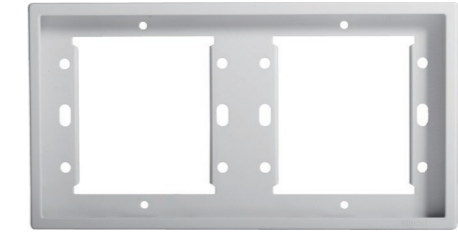


701687
Schuko Socket Module

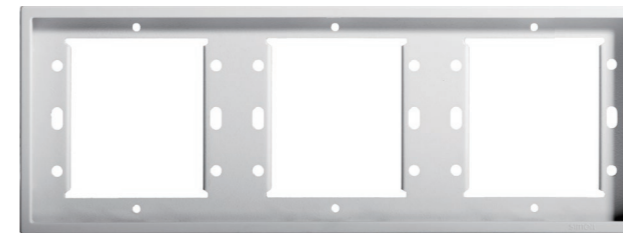
Frames(76 Type)



1 Gang frame



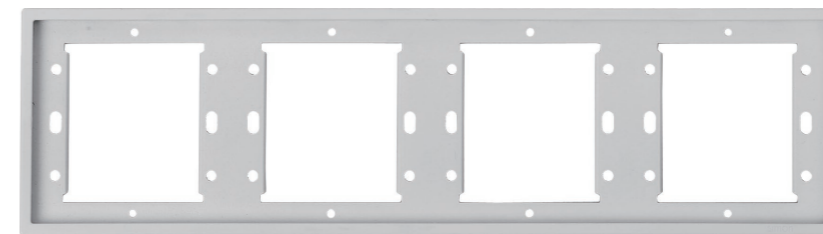
2 Gang frame(76 Type)



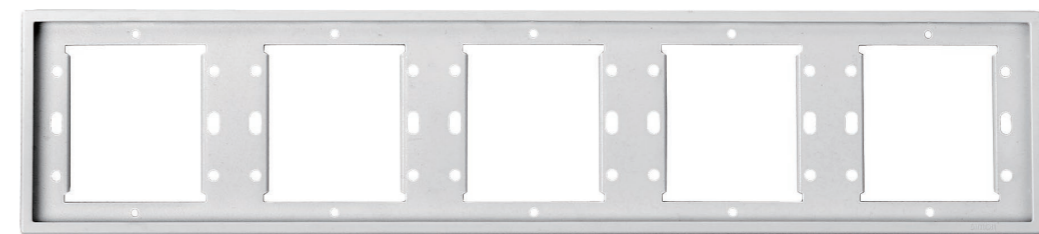
3 Gang frame(76 Type)



60710-50

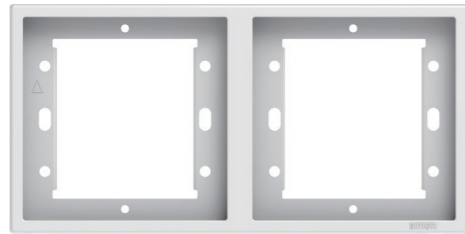


4 Gang frame(76 Type)

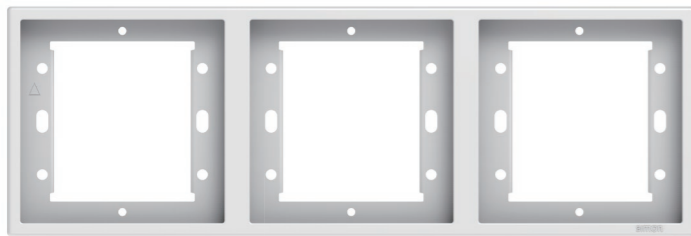


5 Gang frame(76 Type)

Frames(86 Type)



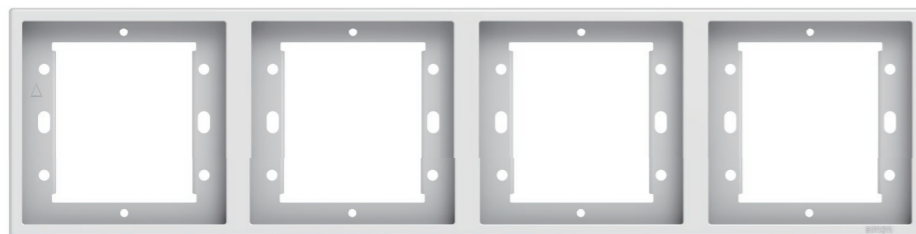
2 Gang frame(86 Type)



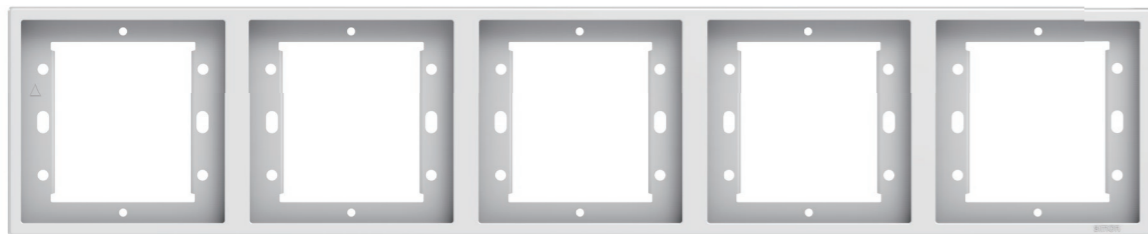
3 Gang frame(86 Type)



45DH86



4 Gang frame(86 Type)



5 Gang frame(86 Type)



2gang frame(76 type)(Bedside control switch)



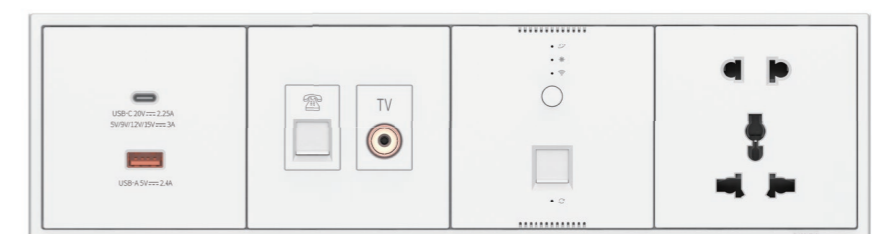
3 gang frame(76 type)(Bedside control switch)



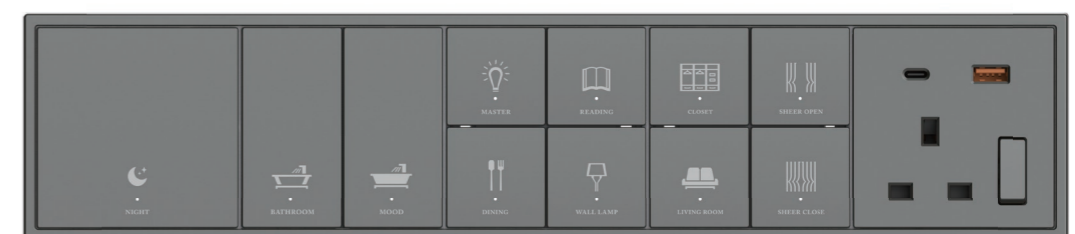
2gang frame(86 type)(Bedside control switch)



3 gang frame(86 type)(Bedside control switch)



4 gang frame(Data socket)



5 gang frame(Bedside control switch)



Simon | M7

SELECTED MATERIAL SMART INSPIRATION

M7 4-wire KNX Switch

Experience sophisticated interaction with this KNX switch. Available in both metal and glass finishes, its refined facade houses advanced proximity sensing, allowing the dual backlight and key functions to respond intuitively to your presence and touch.



Metal- a unique design language.

Restore the texture of metal materials.
Simon applies more techniques to activate the beauty of metal materials.

Utilize the transparency of **Glass**.
Texture of natural jewel.
Artistry aesthetics revealed.



Dual-color indicator design, orange & white

Dual-color backlight buttons, customizable engraving.

The color of the indicator is synchronized with the switch status.

Backlight with 5 adjustable brightness levels.



Glow when close, find the switch with ease

Equipped with active infrared detection, precisely detect target position.

30cm proximity sensing,

Panels effortlessly waken up with every swing of the fingertips.

FUNCTION

Multi-control (On/Off, Dim, Scene, Blinds)

Short/Long-press functionality

M7 KNX - Glass

Modules and frames are separated

-4F Diamond white -4E Diamond Silver -4D Diamond Grey



66E92010SG
1 gang KNX switch



66E92020SG
2 gang KNX switch



66E92030SG
3 gang KNX switch



66E92040SG
4 gang KNX switch



66E92080SG
8 gang KNX switch



66E92011SG
1 gang KNX switch with relay



66E92022SG
2 gang KNX switch with relay



66E92033SG
3 gang KNX switch with relay



66E92044SG
4 gang KNX switch with relay



66E92084SG
8 gang KNX switch with relay

M7 KNX - Metal

Modules and frames are separated

-2B Brushed Grey -2A Frosted silver -2C Satin Gold



66E92010SM
1 gang KNX switch



66E92020SM
2 gang KNX switch



66E92030SM
3 gang KNX switch



66E92040SM
4 gang KNX switch



66E92080SM
8 gang KNX switch



66E92011SM
1 gang KNX switch with relay



66E92022SM
2 gang KNX switch with relay



66E92033SM
3 gang KNX switch with relay



66E92044SM
4 gang KNX switch with relay



66E92084SM
8 gang KNX switch with relay



Simon | **M7**

PURE FORM SOLID MASS METAL

M7 2-wire KNX Switch

Precision, defined by metal. This KNX switch combines a metal keypad with a discreet monochrome indicator. Its fully customizable backlit engravings and icons transform each press into an intelligent gesture, putting elegant control over your environment at your fingertips.

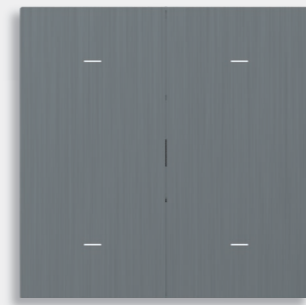
Three color options



2A Frosted Silver



2C Satin Gold



2B Brushed Grey

Standardized engraving icons, Customizable options

Metal



Spacious. Lit. Yours.

A generously sized rocker for custom icons and engravings, fully backlit.



FUNCTION

Multi-control (On/Off, Dim, Scene, Blinds)
Short/Long-press functionality

M7 KNX - Metal

Modules and frames are separated
 -2B Brushed Grey -2A Frosted silver -2C Satin Gold



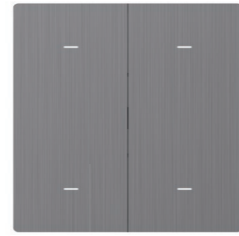
66E92110NM
1 gang KNX switch



66E92120NM
2 gang KNX switch



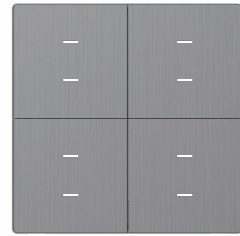
66E92130NM
3 gang KNX switch



66E92140NM
4 gang KNX switch



66E92160NM
6 gang KNX switch



66E92180NM
8 gang KNX switch

M7 KNX - Metal

Modules and frames are separated
 -2B Brushed Grey -2A Frosted silver -2C Satin Gold





4-inch KNX multi-control panel enhances smart living by unifying lighting, blinds, climate and scene control into an elegant touch interface. This intelligent command center delivers sophisticated automation with premium tactile interaction.



From taps to swipes
- KNX control just got intuitive



S2200-0421
(Black)



S2201-0421
(Grey)

- High resolution 480*480
- Supports to Ethernet
- Supports control functions including switch, dimming, blinds, color temperature, color control, A/C, etc.
- Built-in temperature sensor, proximity sensor, brightness sensor



Quick scene



Built-in sensor



Multi control

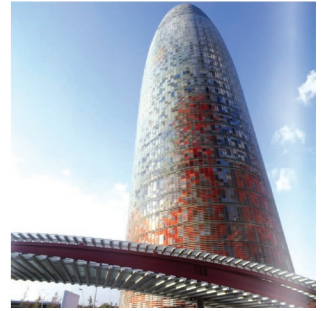
Project Cases



Barcelona Olympic Stadium, Barcelona, Spain



Spanish Pavilion at the Shanghai World Expo 2010, Shanghai, China



Torre Agbar, Barcelona, Spain



THE RITZ - CARLTON
DKI Jakarta, Indonesia



Marina Bay Sands Hotel, Singapore



Hotel JW Marriot



South Taihu Hotel



OCT century waterfront



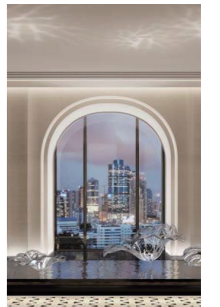
Shanghai Edition Hotel



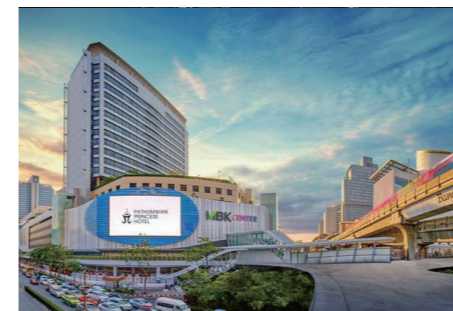
Hilton, Manila, Philippines



Kremlin, Moscow, Russia



THE RITZ-CARLTON,
ONE Bangkok



Pathumwan Princess Hotel



Micasa All Suite Hotel, Kuala Lumpur,
Malaysia

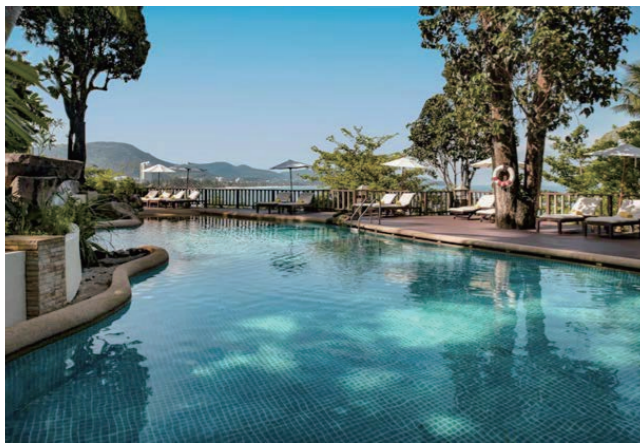


Double Tree by Hilton,
Johor Bahru

Project Cases



Centara Karon Resort Phuket, Thailand



Centara Karon Villa Phuket, Thailand



Wyndham Sanya Bay



Howard Johnson Jinyi Hotel Chongqing



Ambassador Hotel Tianyi



Sofitel Kunming



Qinghai Hotel



Amara Signature Shanghai



JW MARRIOTT- MARQUIS HOTEL Shanghai Pudong



V-leader Shenzhenair International Hotel Yinchuan



Sanya Shanhaitian Marriott Hotel

Project Cases



Xiong'an Langyue VOCO Hotel

The project consists of 129 rooms and suites, offering a variety of room types. The overall guest control and room intelligent system use the Simon Bus RCU system and E6 switch series. With a modern and efficient system paired with contemporary smart devices, the hotel creates a comfortable and pleasant living space for business travel, leisure, and vacation.



South Taihu Manor

Located in the charming city of Huzhou, this project is a manor-style resort hotel. Simon has equipped it with intelligent solutions that seamlessly integrate with hotel services, offering guests a leisurely vacation experience to "Enjoy Your Desires."

Project Cases



Capella Shanghai Jian Ye Li

Located in Shanghai Hengfu Historical and Cultural Features Protected Area of Xuhui District, the hotel possesses "shikumen" architectural complex built in the 1930s by the French land agent, making it the only seven-star all-villa city resort hotel in Shanghai. The rebuilt architecture will reflect traditional features of Shanghai dwelling with harmonious blending of Shanghai-style culture and Paris expressions. Simon provides guest room control system and switch panel for the hotel as well as witnesses the luxurious regeneration of the historical architecture.



BOFFO L HOTEL XIAN

Simon provides the entire solution of guest room control management for BOFFO LONG Hotel in Xi'an "BOFFO LONG" -- an international hotel brand of Australia, adhering to the work concept of "professional, focused and concentrated" has devoted itself to elaborate the carving of "BOFFO LONG" and "PERFECT" brand for many years. It has successfully created the service concept and system with the core of "surprise + touched," bringing "customized" and "overjoyed touched" experience for guests.

— **simon** —
LIGHT UP
EMOTIONS

