Website Facebook YouTube

simon
LIGHT UP EMOTIONS

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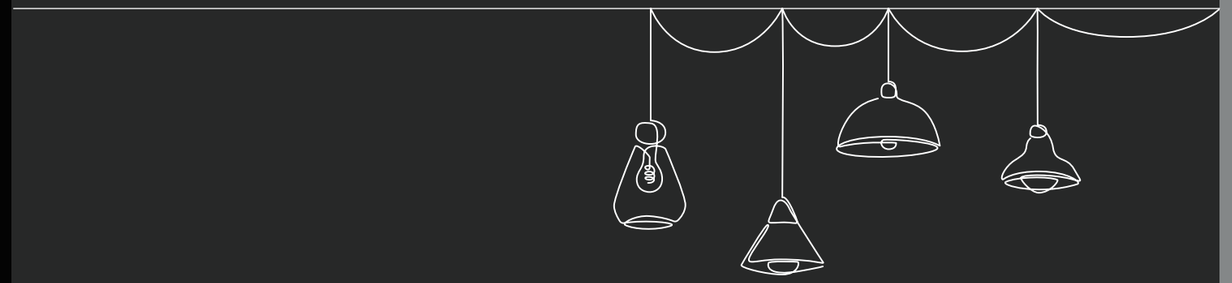
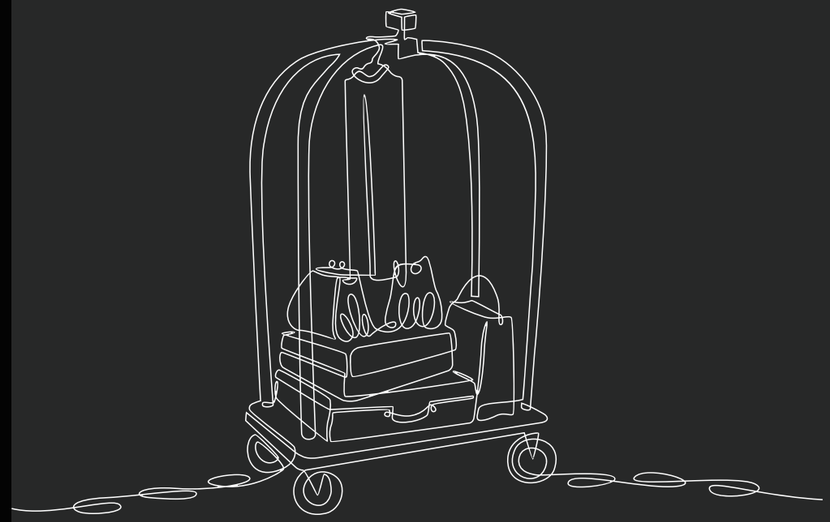


SIMON ELV SWITCH CATALOGUE



simon

simon
LIGHT UP EMOTIONS

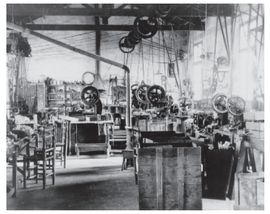
Simon is an industrial group with more than 100 years history.

Simon is the head of an industrial group specialised in technological solutions for lighting, light control, connectivity(IOT), and electrical materials for contract projects (retail, hospitality, workplace), and residential projects. In all these fields, Simon maintains a firm commitment to design and innovation, which led it to receive the National Design Award granted by the Ministry of Economy, Industry, and Competitiveness on its one hundredth anniversary. After positioning itself as a leader in the Spanish market, the company has consolidated its presence in more than 90 countries, The Simon Group team is made up of 4,000 people around the world, with facilities in 15 countries, 9 of which have production centres.

Simon: Since 1916 from Barcelona

Olot, 1920

Arthur Simon with his parents
1900



Interior of the factory on Calle Pare Roca, Olot
1925

Porcelain factory in Sant Andreu, Barcelona
1943

IEP booth at the Feria de Madrid
1949

1916

ARTURO SIMON CREATES THE COMPANY IN OLOT

1925

ARTURO SIMON EXPANDS THE RANGE OF ELECTRICAL EQUIPMENT

1942

THE PORCELAIN FACTORY OPENS

1957

SIMON BUYS PME

1966

SIMON BUYS IEP

1993

LAUNCH OF THE FIRST HOME AUTOMATION SYSTEM

1998

SIMON BEGINS TO INTERNA-TIONALISE

1999

SIMON ENTERS THE CHINA MARKET

Olot factory
1975

Hayan factory, China
1999

Sense
2015

Simon Vox,
1998

Beijing olympic stadium, China
2008

Ambassador visiting Simon China
2018

2006

SIMON ENTERS ASEAN MARKET

2008

Simon is selected as an official supplier
of the 2008 Olympic games in Beijing.

2015

NEW SENSE INTERFACES

The combination of touch-control, ergonomics and interaction with the environment will make the Sense interfaces deserving of several international awards.

INTERNATIONAL AWARDS

The Slim and Cool luminaires in the Fluvia collection have won 5 international awards.
iF Awards for Fluvia Slim luminaires.
Red Dot Awards for the Slim and Cool Fluvia luminaires.
Delta Awards in the selection category for Slim and Cool.
Delta Awards for Detail 83.
iF Gold Awards for Sense.

2016

100 YEARS' ANNIVERSARY

2018

Mr.Alberto Carnero,the incumbent spanish ambassador to China,visiting Simon China.

INTERNATIONAL AWARDS
IF and Red Dot

2020

Creation of the **iOT platform** and **Simon HUB Pro iO.**

1916
Bayonet bulb mount

1920-1930
851 "Extra" rotary switch

1956
Simon 24

1962
Simon 25

1973
Simon 36

1978
Simon 31

1992
Simon 75

1995
Simon 88

2005
Simon V8

2013
Simon i7

2016
Simon E6

2020
Simon E3

2022
Simon M3

Simon advantages

The Collocation of Rockers

—Fitting all kinds of interior design styles

• Simon products are offered in numerous design series and are equipped with colorful and diverse rockers made of various material such as metal, glass, wood, etc. Beyond that, personalized customization services are available, which can be perfectly suitable for all kinds of Interior design styles.
Includes also different automation products(work with KNX, RCU, Smart home)

• Simon also offers high voltage sockets with the wider range of multimedia solutions, USB chargers, communication sockets and sensors which can provide multi-gang solutions.

Low voltage switches integrated with control systems

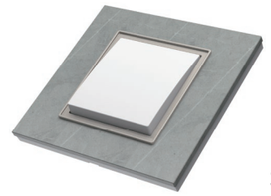
· This catalogue shows a full range of low voltage switches are designed to operate with RCU and KNX bus system, that can be mounted in commercial or residential applications: hotels, offices, villas, etc.

· The RCU and KNX bus systems are the technology which controls the automation of integral functions such as curtains, lighting, heating, air conditioning, energy management and more for smart spaces. Intelligently transforming the spaces, optimizing its use, improving the reliability and making electricity consumption efficient.

ELV switch collection

12

Simon S20 RCU



22

Simon V8 RCU

30

Simon i7 RCU/KNX

44

Simon E6 RCU

54

Simon E7 RCU

Bus system(RCU/KNX)
Control solution

Simon provide low voltage switches for both RCU and KNX to realize scenario lighting control for different function of the room.

Control system conducts centralized control management of the main indoor electrical equipment (air conditioner, keycard switch, lighting and curtain etc.). Through real-time communication between local area networks and the computer, the operating state of the equipment can be sent to the management computer in time, which is convenient for the scientific management and maintenance by the administrators or service staff. Individual users can improve on the comfort level of the living or working space through the remote control of intelligent terminals.

Simon-Bus control system

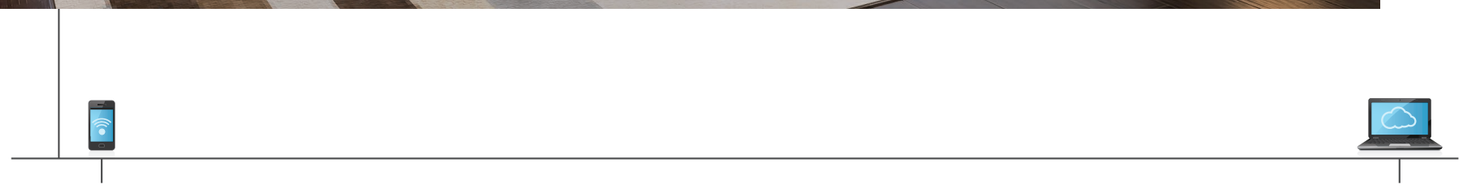
- Air conditioning system
- Lighting system
- Curtain control
- State control
- Service center
- Maintenance management
- Intelligent controlling

Switch panel

- Doorbell switch
- Intelligent energy-saving door magnet/window magnet
- Shaver socket
- Volume control switch
- Emergency button
- Sensor monitoring

Lighting product

- Hotel spotlight
- Fog-proof down light
- Low-voltage strip light
- Track spotlight
- Silicon controlled dimming spotlight
- Floor lamp
- Foot light
- Wall lamp



Individual user

Intelligent terminals can check equipment state anytime and anywhere via APP to conduct adjusting and controlling.

Manage users

Manage users can visit operating state of equipment in the architecture by software and conduct scientific controlling.

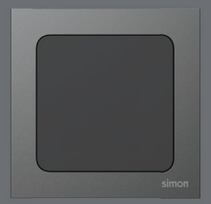
simon

Simon|S20

Retro Future

High class aluminium alloy for anodising
CNC precision machining process
Rotating touch screen thermostat
Light on/off and dimming control, real- time touch feedback
Custom engraving icon and text

Black



Grey

Champagne

Lighting system

AC system

Curtain system

Wide range of switches and sockets

Modules and frames are separated

champagne grey black

RS485 Switch

* use with simon-bus , open protocol available for third party RCU system (Modules and frames are separated)

82E641

1 Gang ELV switch Module
(DC12V,RS485)

82E645

1 Gang ELV dimming switch Module
(DC12V,RS485)

82E642

2 Gang ELV switch Module
(DC12V,RS485)

82E646

2 Gang ELV dimming switch Module
(DC12V,RS485)

RS485 Keycard Switch

82E644

4 Gang ELV switch Module
(DC12V,RS485)

82E604

S20 RF Keycard switch Module
(DC12V,RS485)

S20 RCU Low voltage switch

Modules and frames are separated

champagne grey black

RS485 Switch

* use with simon-bus , open protocol available for third party RCU system (Modules and frames are separated)

82E9001

1 Gang dual backlight switch
module(DC12V,RS485)

82E9002

2 Gang dual backlight switch
module(DC12V,RS485)

82E9003

3 Gang dual backlight switch
module(DC12V,RS485)

82E9004

3 Gang dual backlight switch
module(DC12V,RS485)

82E9005

4 Gang dual backlight switch
module(DC12V,RS485)

Modules and frames are separated

champagne grey black

RS485 Thermostat Module

* use with simon-bus, open protocol available for third party RCU system

82E702

S20 Central-AC thermostat
Module(DC12V,RS485,FCU)

82E704 ★

S20 Central-AC thermostat
Module(DC12V,RS485,Simon-Bus,VRF)

82E701★

S20 Central-AC thermostat Module
(DC12V,RS485,Modbus open protocol
available for third party RCU system, VRF)

★ VRF,need customized AC gateway module

S20 RCU Low voltage switch

Modules and frames are separated

champagne grey black

Others

S20 also offers high voltage sockets with the wider range of multimedia solutions, USB chargers and communication sockets and sensors.

Schuko Socket

Multi-standard Socket

BS Socket

EU-US Socket

Telephone

TV

USB(A+C)

AP

Floor sensor

Modules and frames are separated

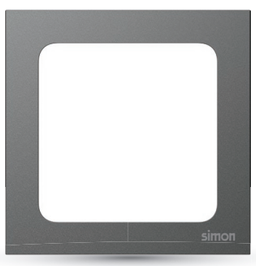
champagne grey black

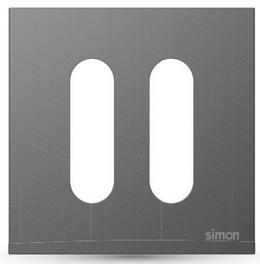
Data

SOS

Shaver socket

Frames

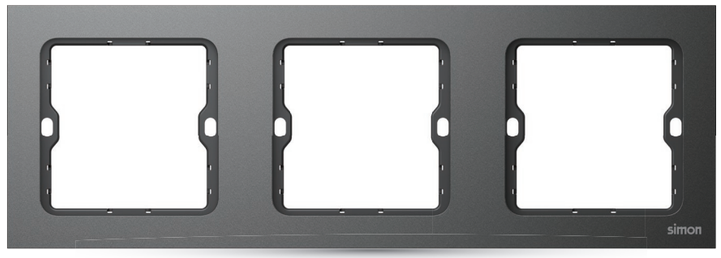


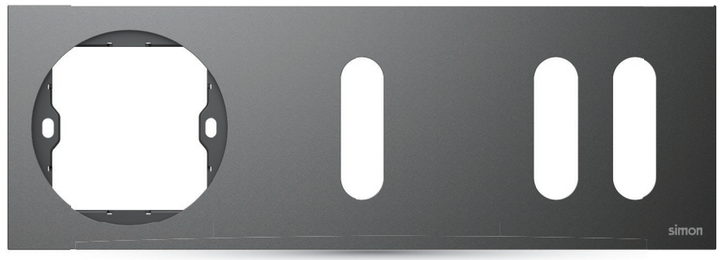


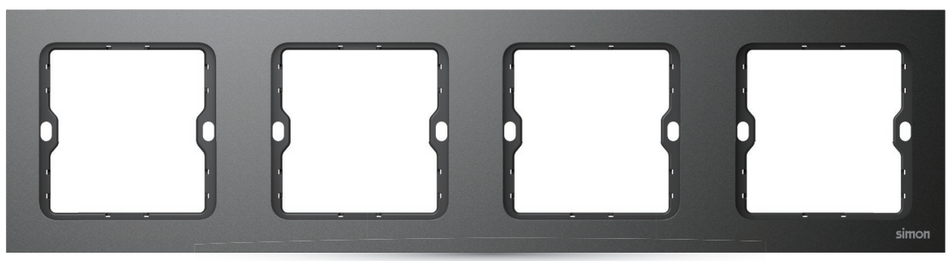
S20 RCU Low voltage switch

Modules and frames are separated

champagne grey black



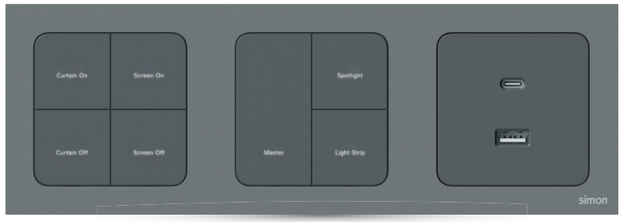


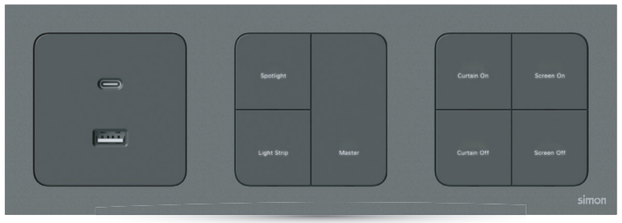


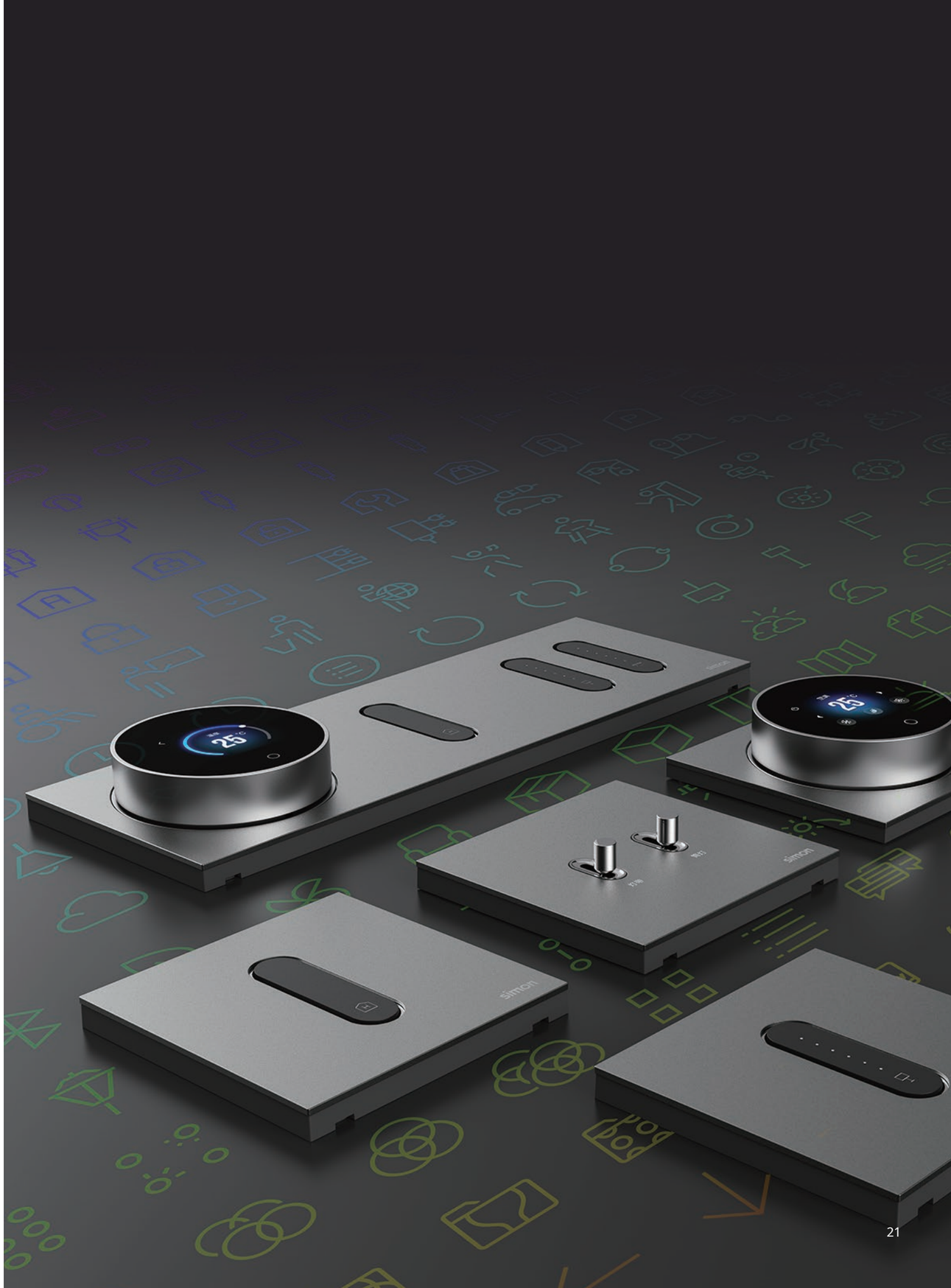
Modules and frames are separated

champagne grey black

Multiple gang solution example







Simon V8

ELEGANT & LUXURY DESIGN

V8 Rock

V8 Classic

V8 Metal

V8 Crystal

Modules and frames are separated

-56 champagne -61 grey -26 black

RS485 Switch

* use with simon-bus, open protocol available for third party RCU system

80E6401

1 Gang ELV dual backlight switch Module
(12VDC / RS485 / RCU, Master)

80E6402

2 Gang ELV dual backlight switch Module
(12VDC / RS485 / RCU,bathroom,mirror)

80E6403

3 Gang ELV dual backlight switch Module
(12VDC / RS485/RCU, Master, night, reading)

80E6404

4 Gang ELV dual backlight switch Module
(12VDC / RS485 / RCU, Master, night,
ceiling, strip)

RS485 Keycard Switch

80E605

V8 RF Keycard switch Module
(DC12V，RS485)

RS485 Thermostat Module

80E710

V8 thermostat Module
(DC12V, RS485,FCU)

V8 RCU Low voltage switch

Modules and frames are separated

-56 champagne -61 grey -26 black

Dry-contact Switch

*Directly use with other RCU

80117

1 Gang ELV push-button Module
with LED indicator

80127

2 Gang ELV push-button Module
with LED indicator

80137

3 Gang ELV push-button Module
with LED indicator

80147

4 Gang ELV push-button Module
with LED indicator

80809

SOS switch Module

Dry-contact Keycard Switch

V8 RF Keycard switch Module

Other

V8 also offers high voltage sockets with the wider range of multimedia solutions, USB chargers and communication sockets and sensors.

TV

Telephone

Data

USB+HDMI

Schuko Socket

EU-US Socket

Multi–standard Socket with USB Chargers

2 Pin Socket

BS Socket

Multiple gang solution example

2-gang frame (Doorway control switch)

3-gang frame (Desk side control switch)

5-gang frame (Bedside control switch)

Multiple gang solution example

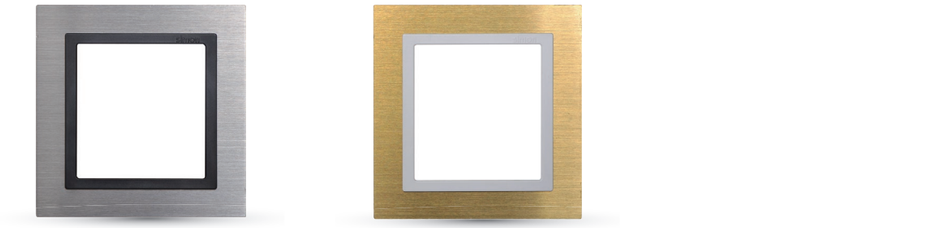
3-gang frame (Hotel multimedia control switch)

5-gang frame (Bedside control switch – ELV)

Frames

Plastic

Crystal



Metal

Rock

Simon i7

Elegant Simple Unique Sophisticated

White

Champagne

Grey

Black

Modules and frames are separated

white -46 champagne -61 grey -26 black

RS485 Switch

* use with simon-bus , open protocol available for third party RCU system

70E645

1 Gang ELV switch Module
(DC12V, RS485)

70E646

2 Gang ELV switch Module
(DC12V, RS485)

70E647

3 Gang ELV switch Module
(DC12V, RS485)

70E648

4 Gang ELV switch Module
(DC12V, RS485)

70E6401

1 Gang dual backlight switch Module
(DC12V, RS485)

70E6402

2 Gang dual backlight switch Module
(DC12V, RS485)

Modules and frames are separated

white -46 champagne -61 grey -26 black

Dry-contact Switch

*Directly use with other RCU

70E117

1 Gang ELV switch Module
with LED indicator

70E127

2 Gang ELV switch Module
with LED indicator

70E137

3 Gang ELV switch Module
with LED indicator

70E147

4 Gang ELV switch Module
with LED indicator

70E116

1 Gang ELV switch Module

70E126

2 Gang ELV switch Module

Modules and frames are separated

white -46 champagne -61 grey -26 black

RS485 Switch

* use with simon-bus , open protocol available for third party RCU system

70E6403

3G dual backlight switch Module
(DC12V, RS485)

70E6404

4G dual backlight switch Module
(DC12V, RS485)

RS485 Keycard Switch

70E605

i7 RF Keycard switch Module
(DC12V，RS485)

RS485 Thermostat Module

70E7015

i7 Central-AC thermostat Module
(DC12V, RS485,FCU)

70E7035 ★

i7 Central-AC thermostat Module
(DC12V, RS485, Simon-Bus,VRF)

70E7016 ★

i7 Central-AC thermostat Module
(DC12V,RS485,Modbus open protocol
available for other RCU, VRF)

★ VRF,need customized AC gateway module

i7 RCU Low voltage switch

Modules and frames are separated

white -46 champagne -61 grey -26 black

Dry-contact Switch

*Directly use with other RCU

70E136

3 Gang ELV switch Module

70E146

4 Gang ELV switch Module

Dry-contact Keycard Switch

705901

SOS switch Module

i7 RF Keycard switch Module

Dry-contact Doorbell Switch

70E615

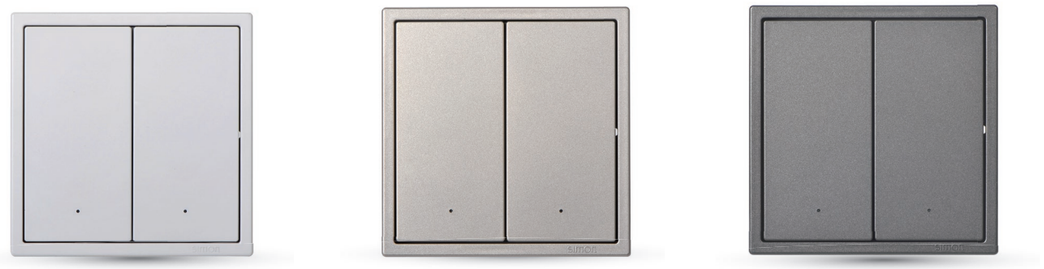
i7 ELV doorbell switch Module
(DC12V, 6-wire)

i7 KNX Low voltage switch

Modules and frames are separated

white -46 champagne -61 grey -26 black

70E901 1 gang smart KNX switch module(24VDC)



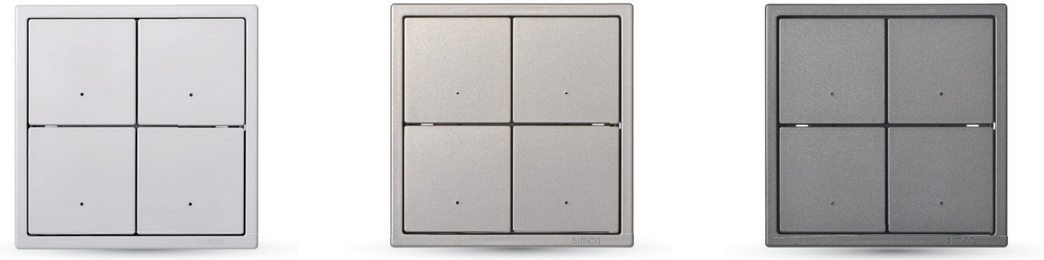
70E902 2 gang smart KNX switch module(24DC)

70E903 3 gang smart KNX switch module(24DC)

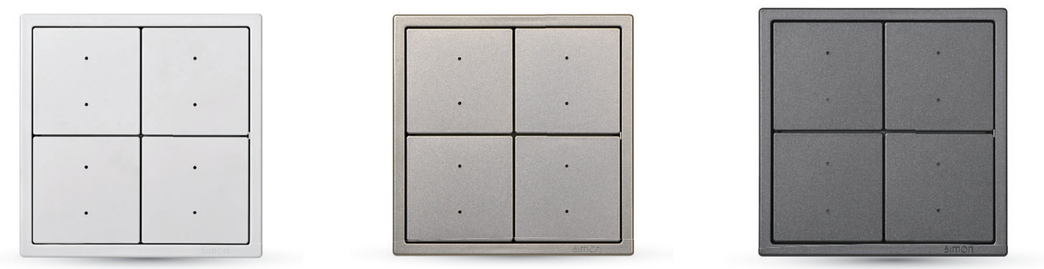
i7 KNX Low voltage switch

Modules and frames are separated

white -46 champagne -61 grey -26 black



70E904 4 gang smart KNX switch



70E905 8 gang smart KNX switch

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

Modules and frames are separated

white -46 champagne -61 grey -26 black

Other

i7 also offers high voltage sockets with the wider range of multimedia solutions, USB chargers and communication sockets and sensors.(Module only)

USB(A+C)

Shaver Socket

Telephone and Data

Telephone and TV

Volume Control

Presence detector floor light

AP

Multi−standard Socket
with Switch

BS Socket

i7 RCU Low voltage switch

Modules and frames are separated

white -46 champagne -61 grey -26 black

Schuko Socket

Twin EU-US with Earth Socket

13A BS Switched Socket
with Twin USB chargers

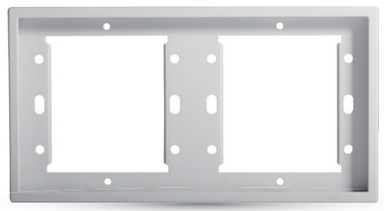
Multi-standard Socket
with Twin USB Chargers

Modules and frames are separated

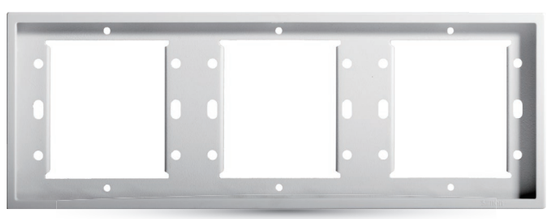
white -46 champagne -61 grey -26 black

Frames(76 Type)

1 Gang frame

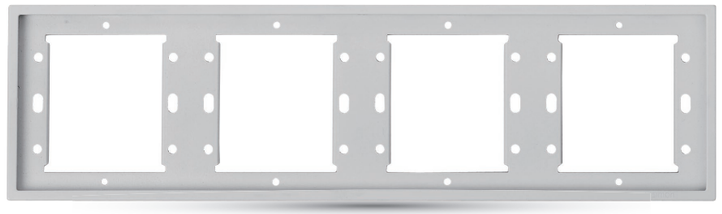


2 Gang frame(76 Type)

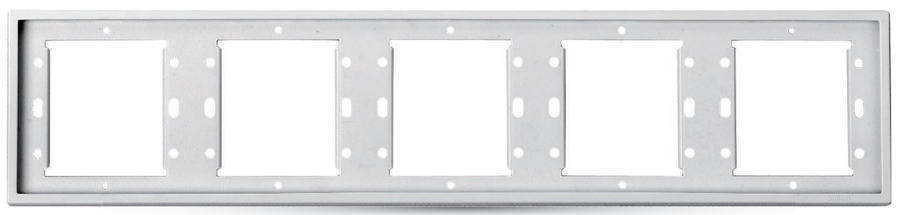


3 Gang frame(76 Type)

60710-50



4 Gang frame(76 Type)

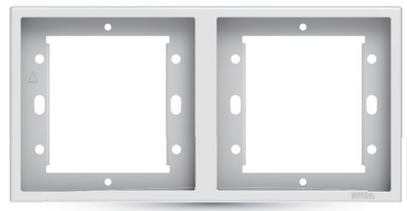


5 Gang frame(76 Type)

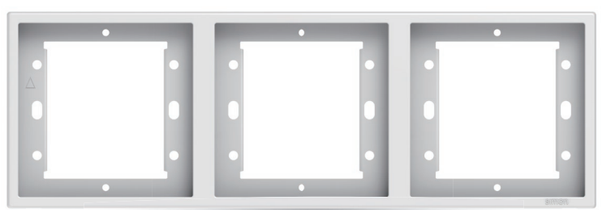
Modules and frames are separated

white -46 champagne -61 grey -26 black

Frames(86 Type)

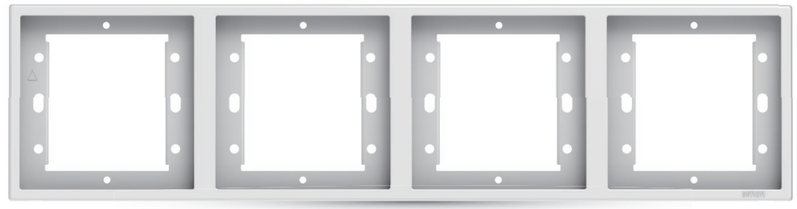


2 Gang frame(86 Type)

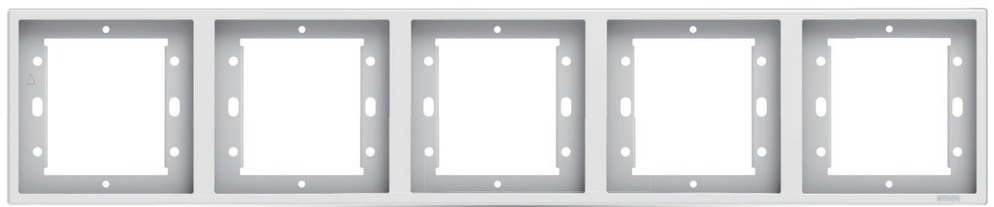


3 Gang frame(86 Type)

45DH86



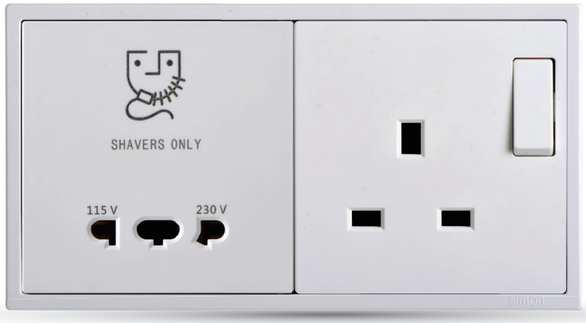
4 Gang frame(86 Type)



5 Gang frame(86 Type)

2-gang frame (Doorway control switch)

3-gang frame (Bedside control switch - ELV)



2-gang frame (Shaver socket control switch)

3-gang frame (Bedside control switch)

5-gang frame (Hotel multimedia control switch)

5-gang frame (Bedside control switch)

Assorted switches and sockets

Simon|E6

Endless freedom Ingenious steady

White

Champagne

Grey

Black

Modules and frames are separated

white -46 champagne -61 grey -26 black

RS485 Keycard Switch

* Need protocol docking to use with other RCU

72E605

E6 RF Keycard switch Module
(DC12V，RS485)

RS485 Thermostat Module

*VRF,need customized AC gateway module

72E710

E6 Central-AC thermostat Module
(DC12V, RS485,FCU)

72E706 ★

E6 Central-AC thermostat Module
(DC12V,RS485,Modbus open protocol
available for other RCU, VRF)

★ VRF,need customized AC gateway module

E6 RCU Low voltage switch

Modules and frames are separated

white -46 champagne -61 grey -26 black

Dry-contact Switch

*Directly use with other RCU

72E117

1 Gang ELV push-button Module
with LED indicator

72E116

1 Gang ELV push-button Module

72E127

2 Gang ELV push-button Module
with LED indicator

72E126

2 Gang ELV push-button Module

72E137

3 Gang ELV push-button Module
with LED indicator

72E136

3 Gang ELV push-button Module

Modules and frames are separated

white -46 champagne -61 grey -26 black

Dry-contact Switch

*Directly use with other RCU

72E147

4 Gang ELV push-button Module
with LED indicator

72E146

4 Gang ELV push-button Module

Dry-contact Keycard Switch

725901

SOS switch Module

E6 RF Keycard Switch

E6 RCU Low voltage switch

Modules and frames are separated

white -46 champagne -61 grey -26 black

Others

E6 also offers high voltage sockets and switches with the wider range of multimedia solutions, USB chargers，communication sockets and sensors.

TV

Telephone

Data

Volume Control Switch

Twin EU-US Socket

Twin EU-US with Earth Socket

13A BS Switched Socket

15A BS Switched Socket

Schuko Socket

Modules and frames are separated

white -46 champagne -61 grey -26 black

Others

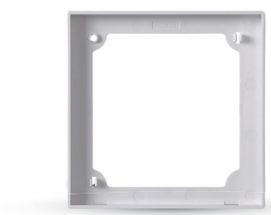
E6 also offers high voltage sockets and switches with the wider range of multimedia solutions, USB chargers，communication sockets and sensors.

Multi-standard Socket with Twin USB chargers

13A BS Switched Socket with Twin USB chargers

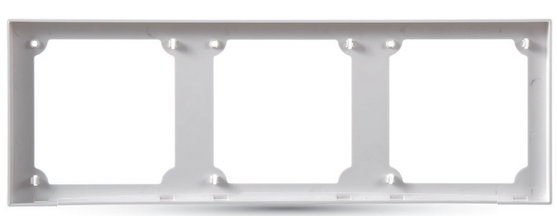
Modules and frames are separated

white -46 champagne -61 grey -26 black



1 Gang frame

2 Gang frame(86 Type)



3 Gang frame(86 Type)

4 Gang frame(86 Type)

5 Gang frame(86 Type)

Modules and frames are separated

white -46 champagne -61 grey -26 black

2-gang frame (Shaver socket switch)

5-gang frame (Bedside control switch)

2-gang frame (Bath room control switch)

Modules and frames are separated

white -46 champagne -61 grey -26 black

2-gang frame (Doorway control switch)

3-gang frame (Bedside control switch – ELV)

3-gang frame (Bedside control switch)

Simon|E7

Endless freedom Ingenious steady

Champagne

Grey

RS485 Switch

* use with simon-bus, open protocol available for third party RCU system

73E641-46

1 gang ELV switch (DC12V,RS485)

73E642-46

2 gang ELV switch (DC12V,RS485)

RS485 Keycard Switch

* Need protocol docking to use with other RCU

73E644-46

4 gang ELV switch (DC12V,RS485)

E7 RF Keycard Switch
(DV12V, RS485)

RS485 Thermostat Module

73E710

Thermostat Module (DC12V,RS485,FCU)

73E706 ★

Thermostat Module
(DC12V,RS485,Modbus open protocol
available for other RCU, VRF)

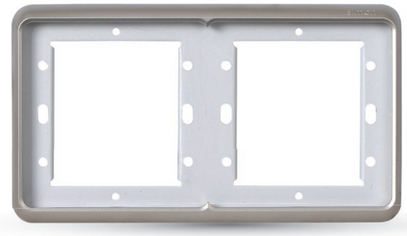
★ VRF,need customized AC gateway module

E7 RCU Low voltage switch

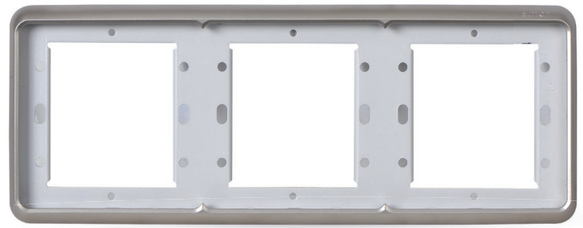
-56 champagne -61 grey

Frames

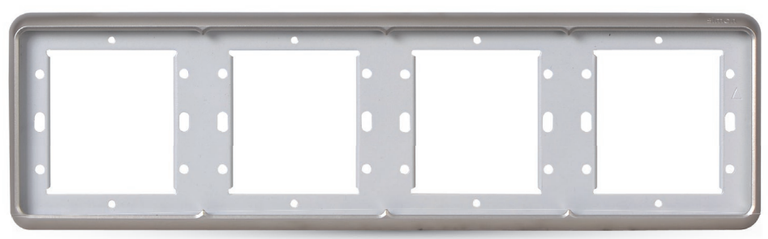
1 Gang frame



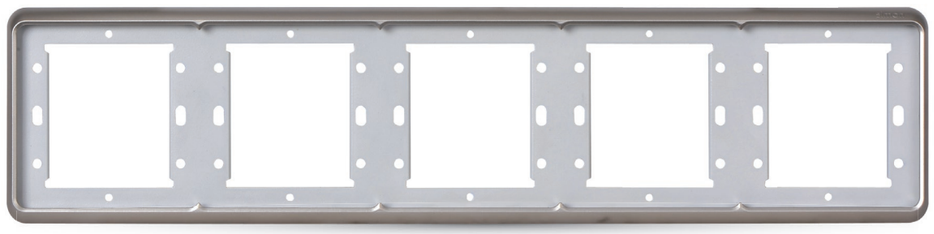
2 Gang frame



3 Gang frame



4 Gang frame



5 Gang frame

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

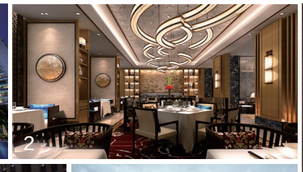
Simon provides the entire solution of guest room control management for BOFFO LONG Hotel in Xi'an "BOFFO LONG" -- an international hotel brand of Australia, adhering to the work concept of "professional, focused and concentrated" has devoted itself to elaborate the carving of "BOFFO LONG" and "PERFECT" 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.

Project Cases

DoubleTree by Hilton Hotel Chongqing

It is located at the commercial center of Nanping, which is close to Chongqing International Convention and Exhibition Center, commercial office building, state office building, shopping center and famous scenery. Double Tree by Hilton Hotel Chongqing is equipped with 236 guest rooms and suites. The application of Simon products can bring more efficient management and high-class image for hotels.

1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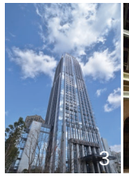

3

4

5

6

1 Wyndham Sanya Bay

2 Howard Johnson Jinyi Hotel Chongqing

3 Sofitel Kunming

4 Ambassador Hotel Tianyi

5 Qinghai Hotel

6 Amara Signature Shanghai

7

8

9

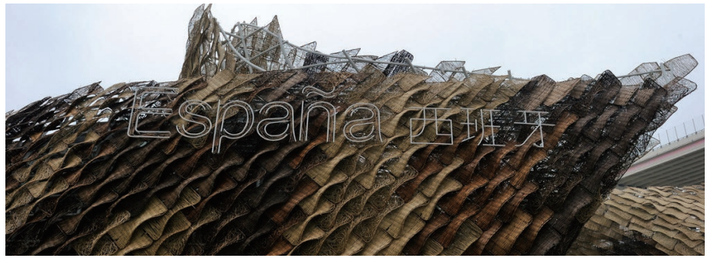
7 Hilton Jiuzhaigou Resort

8 V-leader Shenzhenair International Hotel Yinchuan

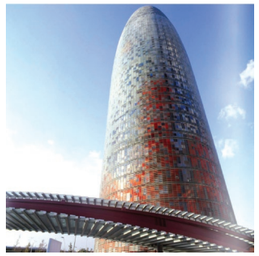
9 Sanya Shanhaitian Marriott Hotel

Project Cases

Barcelona Olympic Stadium,Barcelona,Spain



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



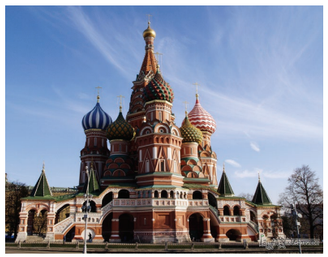
Torre Agbar,Barcelona,Spain

CCTV Building

Beijin V-Continent Crown International Hotel

Hotel JW Marriot

Beijing National Aquatics Center(Water Cube),Beijing,China

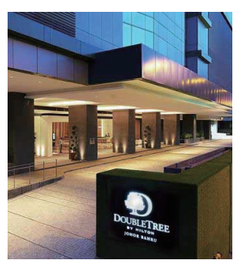


Kremlin,Moscow,Russia

Gopatel Hotel, Vietnam

Dolpin Plaza, Hanoi, Vietnam

Micasa All Suite Hotel, Kuala Lumpur, Malaysia



Double Tree by Hilton, Johor Bahru

simon

LIGHT UP

EMOTIONS