



Website



Facebook



YouTube

simon
LIGHT UP EMOTIONS

Simon, S.A.(Spain)
Tel. +34 902 109100
Web. www.simonelectric.com

www.simonelectric.com



Simon Electric (China)
Tel. +86 21 3855 5222
Web. www.simon.com.cn

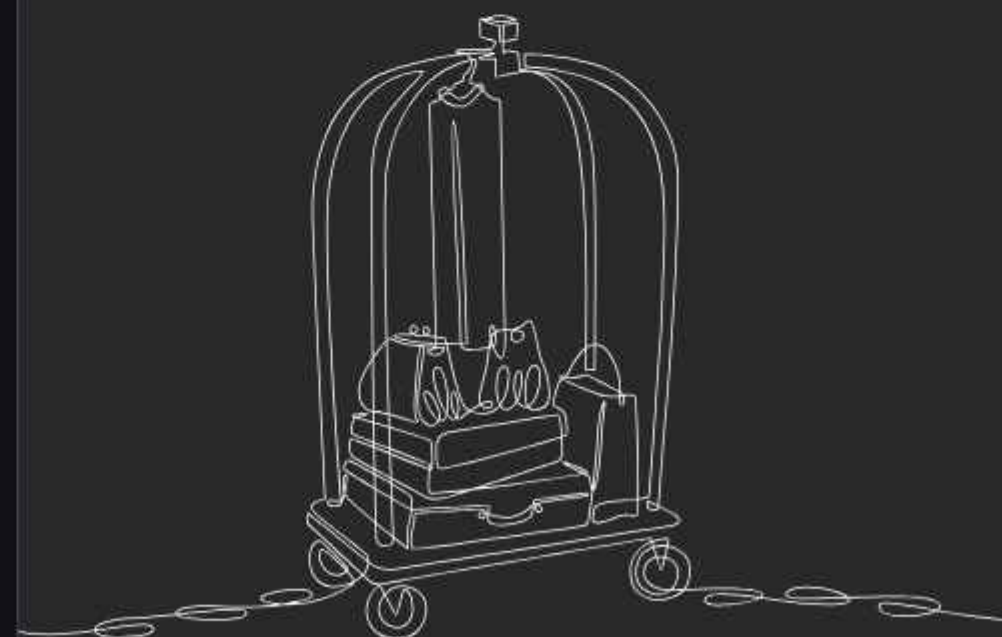
Simon Electric (APAC)
Web. www.simon-apac.com
E-mail. info@simon-apac.com

PT Simon Elektrik Indonesia
Tel. +62 21 52960373
Web. www.simonelektrik.co.id

Oct 2022 Printed



SIMON ELV SWITCH CATALOGUE



simon



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



Olot factory
1975



Huan factory, China
1999



Sense
2015



Simon Vox,
1998



Beijing olympic stadium, China
2008



Ambassador visiting Simon China
2018

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 INTERNATIONALISE

1999

SIMON ENTERS THE CHINA MARKET

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 intuitive control, ergonomics and interaction with the appliances will make the Sense interfaces deserving of several international awards.

INTERNATIONAL AWARDS

The Sense and Cool switches, in the Home Control category won 5 international awards:
IF Awards for Home Smart switches,
Red Dot Awards for the Sense and Cool Home switches,
Globe Awards in the selection category for Smart and Cool
Globe Awards for Smart 85,
IF Gold Awards for Sense

2016

100 YEARS' ANNIVERSARY

2018

Mr. Alberto Carrero, 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

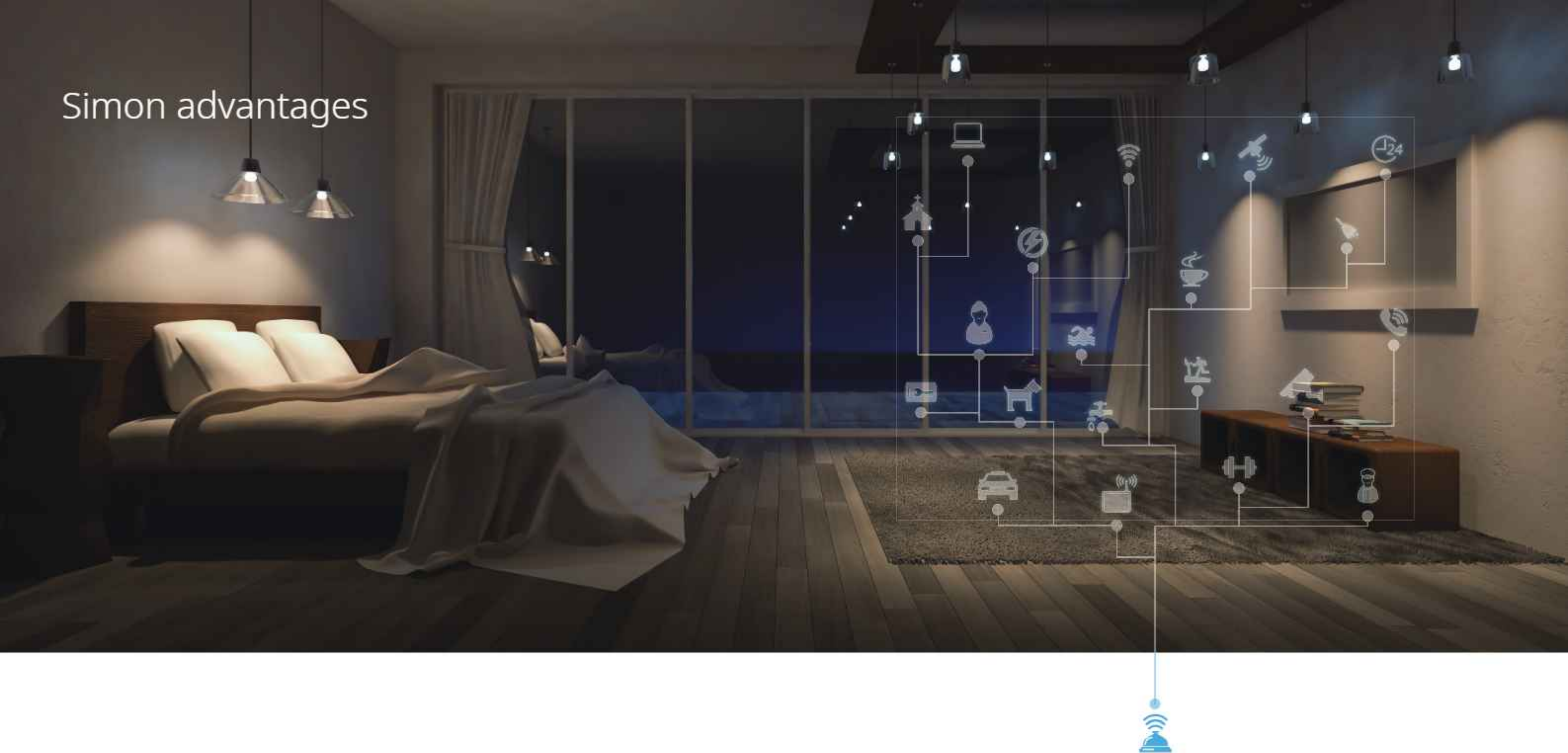
—Fitting all kinds of interior design styles

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.

Simon advantages



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

**18**

Simon V8 RCU

**22**

Simon i7 RCU/KNX

**32**

Simon E6 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.

Assorted Switches and sockets

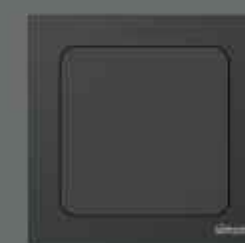


simon

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



Lighting system



AC system



Curtain system



Wide range of
switches and sockets

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)



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)

RS485 Thermostat Module

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)



82E702
S20 Central AC thermostat
Module (DC12V, RS485, RCU)

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



Data

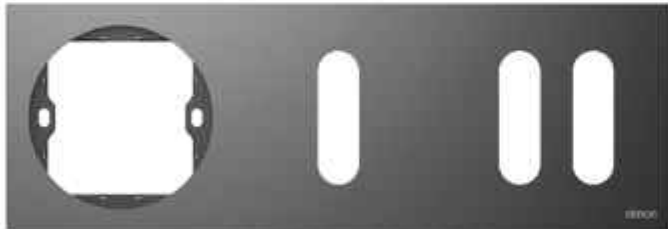
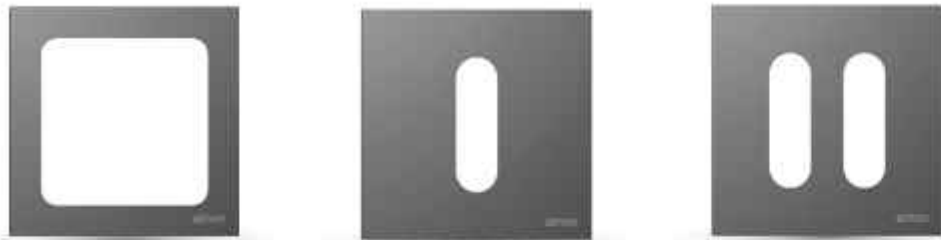


SOS



Shaver Socket

Frames



Multiple gang solution example



Assorted Switches and sockets

Simon | V8
ELEGANT & LUXURY DESIGN



V8 Rock



V8 Classic



V8 Metal



V8 Crystal

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, PLL)

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

Dry-contact Doorbell Switch

80809
SOS switch Module



808051
Doorbell switch with "Do Not Disturb"
& "Make Up Room" Indicator(ELV)

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



BS Socket



Multi-standard Socket with
USB A+C Chargers

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



Assorted Switches and sockets



Simon*i*7

Elegant Simple Unique Sophisticated



White



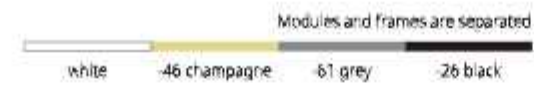
Champagne



Grey



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)



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

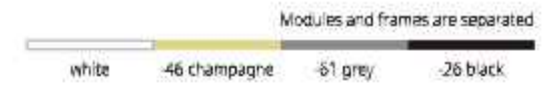
70E7015
i7 Central AC thermostat Module
(DC12V, RS485, VRF)



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)

**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



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

i7 RF Keycard switch Module

Dry-contact Doorbell Switch

70E615
i7 ELV doorbell switch Module
(DC12V, 6 wire)

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



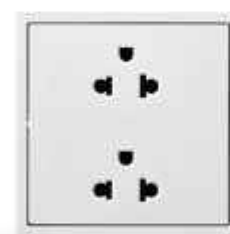
Multi-standard Socket with Switch



BS Socket



Schuko Socket



Twin EU-US with Earth Socket



13A BS Switched Socket with Twin USB chargers



Multi-standard Socket with Twin USB Chargers



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



13A BS Switched Socket with USB A+C Chargers



Multi-standard Socket with USB A+C Chargers

Frames(76 Type)



1 Gang frame



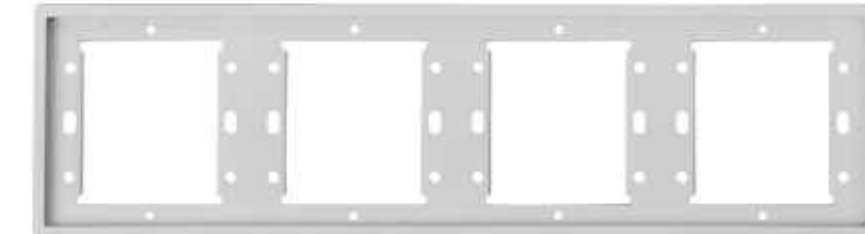
2 Gang frame(76 Type)



3 Gang frame(76 Type)



60710-50

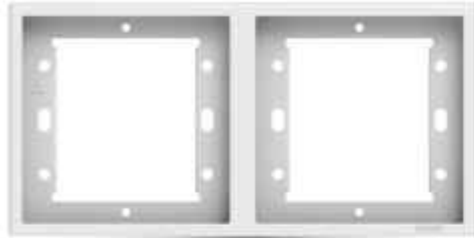


4 Gang frame(76 Type)



5 Gang frame(76 Type)

Frames(86 Type)



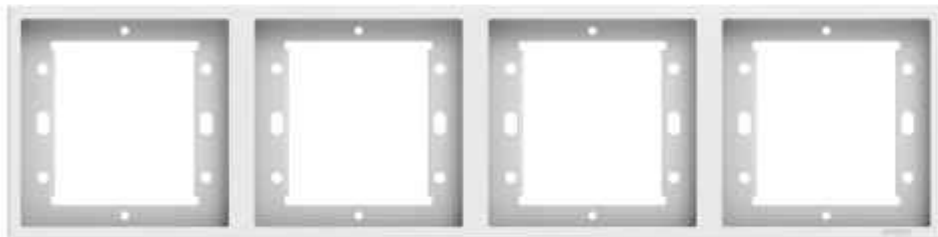
2 Gang frame(86 Type)



3 Gang frame(86 Type)



45DH86



4 Gang frame(86 Type)



5 Gang frame(86 Type)

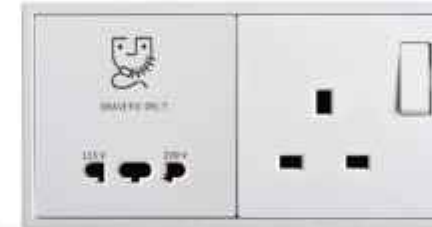
Multiple gang solution example



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)

i7 KNX Low voltage switch



Modules and frames are separated

white -45 champagne -61 grey -26 black



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



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



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



i7 KNX Low voltage switch



Modules and frames are separated

white -45 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



Assorted Switches and sockets

simon

Simon|E6

Endless freedom Ingenious steady



White



Champagne



Grey



Black

RS485 Switch

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

RS485 Keycard Switch

72E605

E6 RF Keycard switch Module
(DC12V, RS485)

RS485 Thermostat Module

* Prefeet customized AC gateway module



72E710

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



72E706 ★

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

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



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

Others

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



TV



Telephone



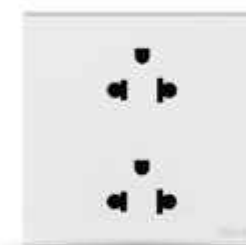
Data



Volume Control Switch



Schuko Socket



Twin EU-US with Earth Socket



13A BS Switched Socket



15A BS Switched Socket



Multi-standard Socket with
Twin USB chargers



13A BS Switched Socket
with Twin USB chargers



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



13A BS Switched Socket
with USB A+C Chargers



Multi-standard Socket with
USB A+C Chargers

Frames



Multiple gang solution example



2-gang frame (Shaver socket switch)



2-gang frame (Doorway control switch)



2-gang frame (Bath room control switch)



3-gang frame (Bedside control switch - ELV)



3-gang frame (Bedside control switch)



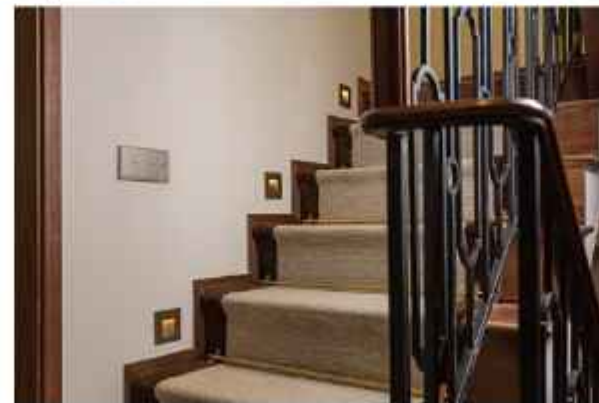
5-gang frame (Bedside control switch)

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 Xian "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 Wyndham Sanya Bay

2 Howard Johnson Jinyi Hotel Chongqing

3 Sofitel Kunming

4 Ambassador Hotel Tianyi

5 Qinghai Hotel

6 Amara Signature Shanghai



7 Hilton Jiuzhaigou Resort

8 V-leader Shenzhenair International Hotel Yinchuan

9 Sanya Shanhaitian Marriott Hotel



Project Cases



Barcelona Olympic Stadium, Barcelona, Spain



South Taihu Hotel



OCT century waterfront



Shanghai Edition Hotel



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



Torre Agbar, Barcelona, Spain



CCTV Building



Beijing 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

