

# Simon|65C



NEW CORE  
NEW STANDARD

**simon**

# Simon in the World



**simon**  
LIGHT UP EMOTIONS



Marriott Auditorium Hotel,  
Madrid, Spain



Ibis styles hotel, Jakarta,  
Indonesia



National Stadium, Beijing, China



Evergreen laurel hotel,  
Bangkok, Thailand



Saigon Airport Plaza, Ho Chi Minh, Vietnam



Double Tree by Hilton,  
Johor Bahru, Malaysia

Simon was established by Arturo Simon in 1916. The earliest factory was located in Olot, Catalonia, Spain. In 1972, the headquarter of Simon Group was relocated to Barcelona, which is renowned as the Flower of Europe.

Simon mainly specializes in producing switches, sockets, lighting and home smart systems. Through a century of development, Simon group has established production bases in countries around the world, including China, Russia, India, Brazil, Mexico, Poland etc., and a sales network that covers over 90 countries across four continents.

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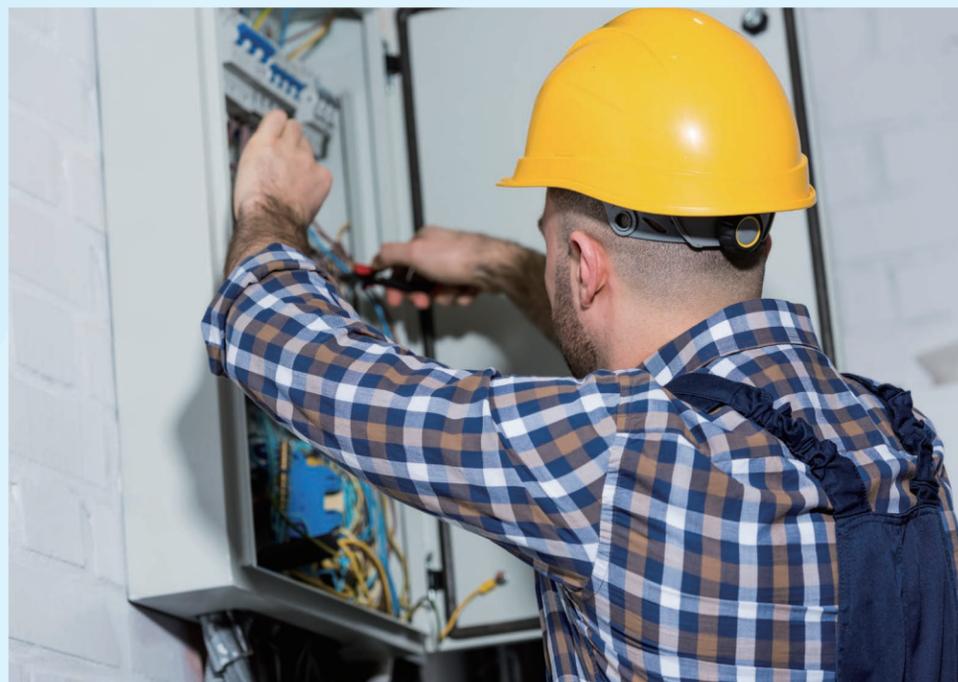
## NEW CORE, NEW STANDARD

Contribute to safety of electrical installation



## Electronic era

Upgraded household electricity protection.



In the modern life, the frequency and needs to electrical power is increasing,  
Let's update to:



### SAFE

65C brings safety to household electrical usage.



### EFFICIENT

65C can active the protection efficiently to guard your family and property.



### SIMPLE

Integrated solution to make your installation simple and effective.



### EASY

Visual indicator makes your maintenance easier for a long lifespan.

## New 65C range

Fast break and arc extinguish, efficient protection to human safety and home appliances.

### Higher breaking power

Efficiently arc extinguish, short circuit/overload protection.

### Faster breaking speed

Break quickly to protect circuit.

### Visual leakage protection

Problem can be identified quickly, protect human life.

# Household breaker category

## MCB



- Overload protection
- Short circuit protection
- Isolation

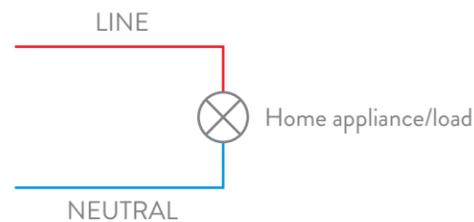
**NEW**  
MCB up to 100A

## RCBO



- Overload protection
- Short circuit protection
- Leakage protection
- Isolation

## The difference between 1P, 1P+N and 2P



The regular household wire connection: line - appliance/load - neutral.

	LINE		NEUTRAL	
	Break	Protection	Break	Protection
1P	Yes	Short circuit and overload protection	/	/
1P+N	Yes	Short circuit and overload protection	Yes	/
2P	Yes	Short circuit and overload protection	Yes	Short circuit and overload protection

**NEW CORE  
NEW STANDARD**

- 6000A BREAKING CAPACITY
- ≥ 12 ARC DIVIDERS
- 50% SPACE SAVE

## High breaking speed, efficiently arc extinguish

Ics=6000A breaking capacity  
High resistance to impact, quick power off

The electromagnetic coil ① and moving contact ② can break 6KA current quickly, activate protection instantly.

### High performance bimetallic

Strong overload protection.

### Integrated design

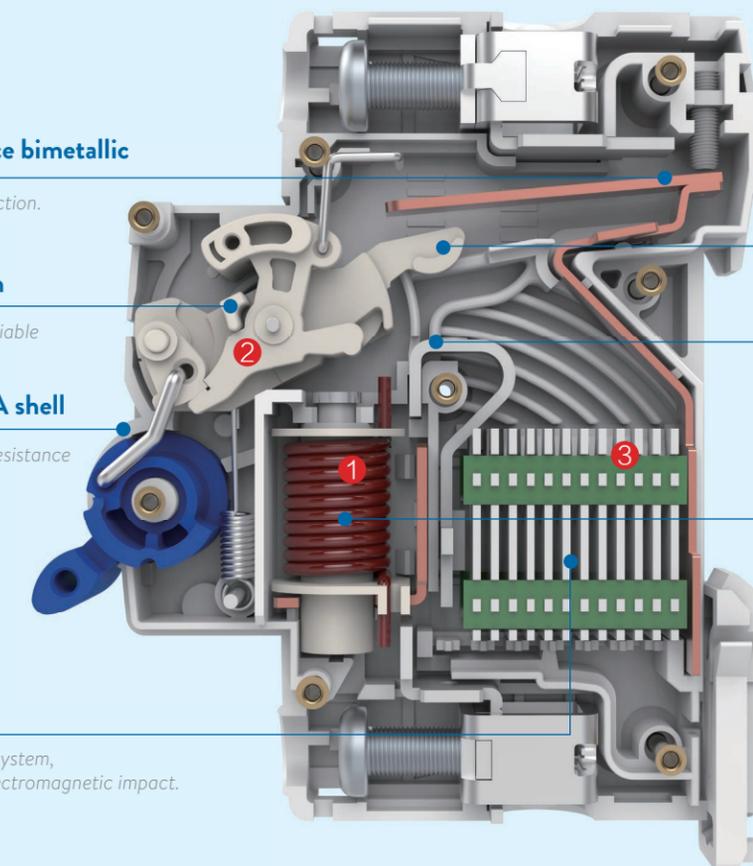
Operate stable and reliable

### Thermoplastic PA shell

High impact and fire resistance

### Arc divider

Strong arc extinguish system, able to resist heavy electromagnetic impact.



### New moving contact

Operate stably

### Robust silver contact

Good electrical conductivity, long service life

### Electromagnetic coil

Fast short circuit protection

≥ 12 layers arc dividers

③ Extinguish arc efficiently and effectively, reduce the damage. This system can extinguish arc instantly.

Save space, save cost



Old **COMBINED** solution

The leakage protection module needs extra space.

New **MODULE-INTEGRATED** solution

The leakage protection module is integrated.

Saving space but keeping benefits

Use a regular apartment as an example, you can save 50% space.



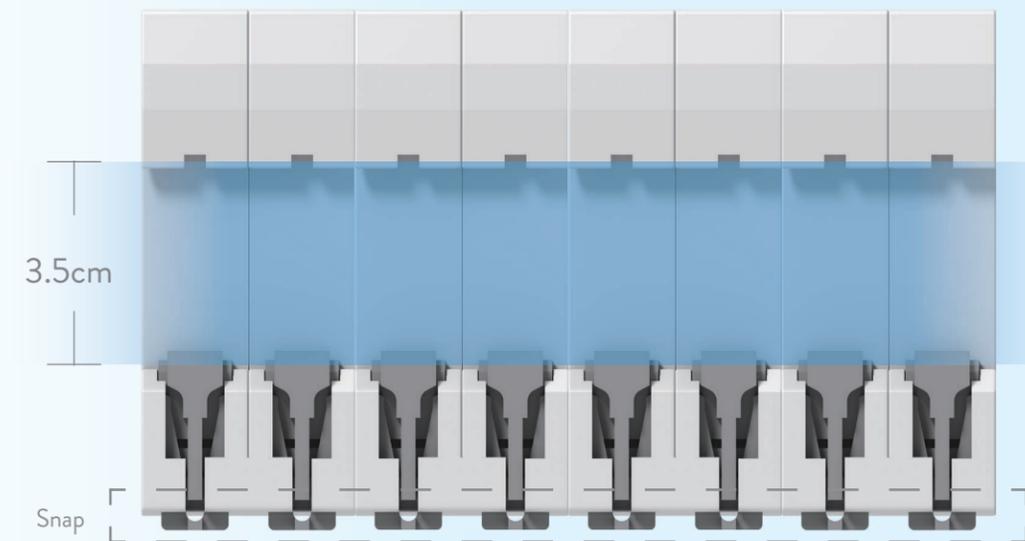
20 modules distribution box

9 modules distribution box

\*Don't need to change the current distribution box if you want to replace the breaker only.

Rail clipper,  
easy and fast to install/uninstall

During installation, you just need to line up the back of 65C into the rail of distribution box, then push up the clipper. When you want to uninstall, just use a flat screwdriver to pull down the clipper, then you can take out the 65C.



Standard 3.5cm DIN rail

User friendly, more convenient

## Visual operation

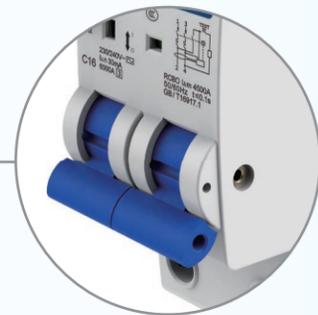
### Circuit open or close indicator

Close: red ■  
Open: green ■

### Leakage visual indicator

Normal: white □  
Leakage: red ■

■ □	Safety situation
■ □	Overload situation
■ ■	Leakage situation

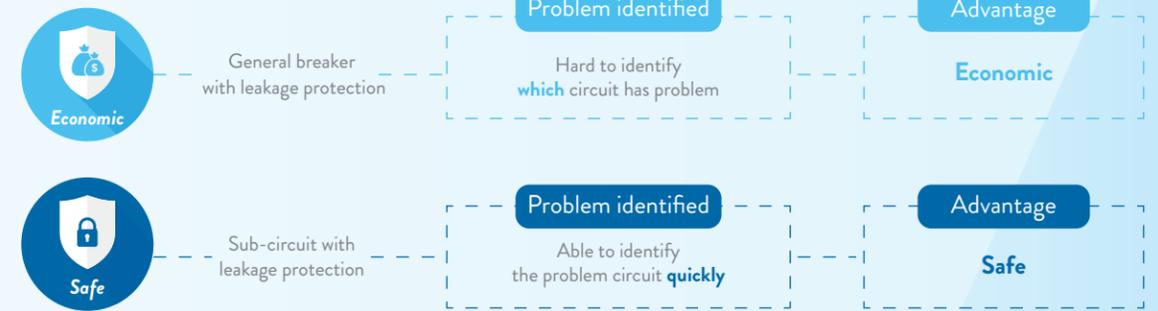


### Ergonomics design handle

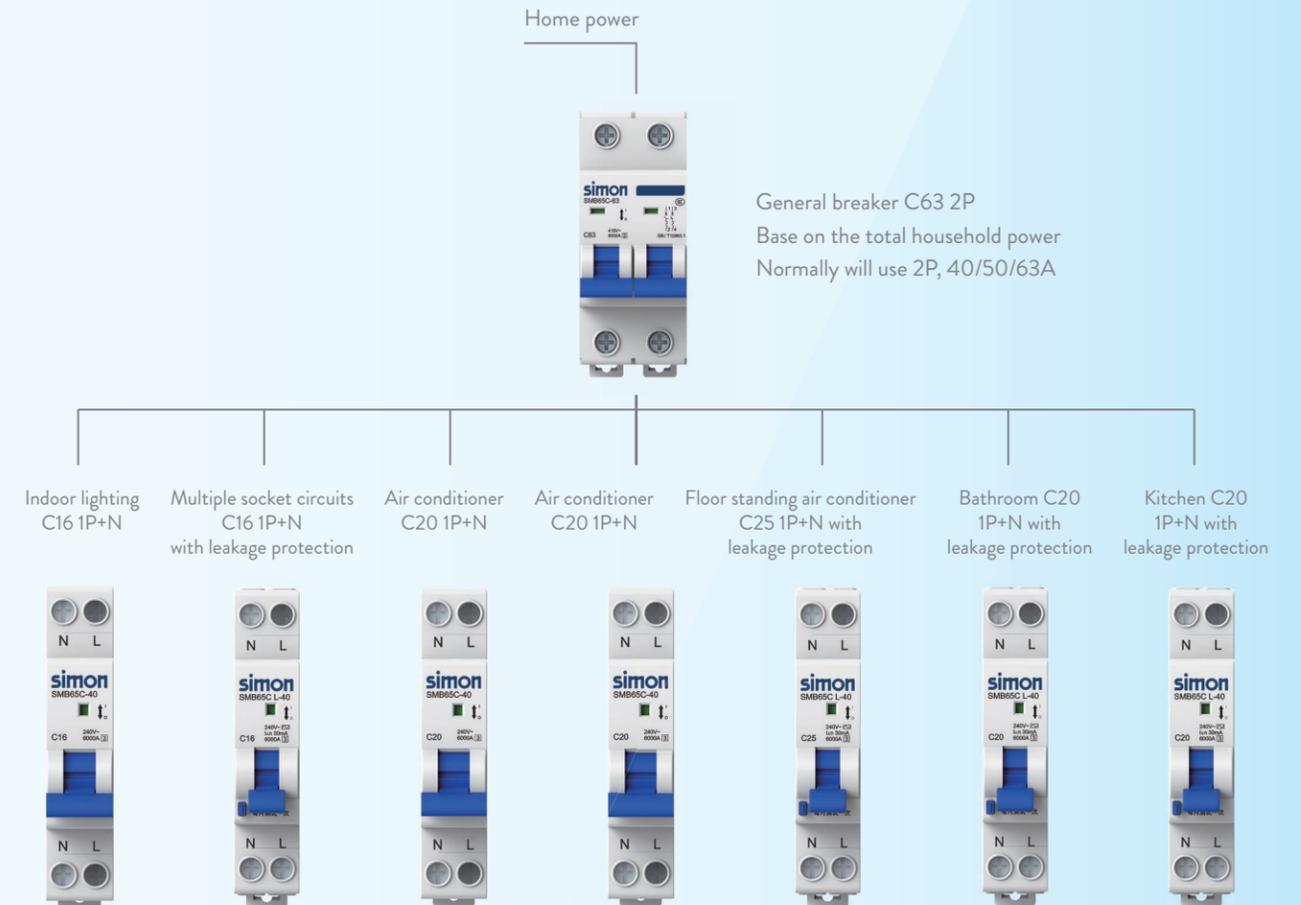
Easy to operate and prevent mishandling.

## Total solution

### Recommend solutions: economic & safe



### Safe solution



## Products to safe solution

For  
**General  
Breaker**

2P 40~100A



SMB65C-63C63/2

For  
**Air  
Conditioner**

1P+N 20~32A



SMB65C-40C20

For  
**Multiple  
Socket  
Circuits**

1P+N 10~20A  
With leakage  
protection



SMB65CL-40C16

For  
**Floor Standing  
Air Conditioner  
(high-power)**

1P+N 25~32A  
With leakage  
protection



SMB65CL-40C25

For  
**Lighting  
Circuit**

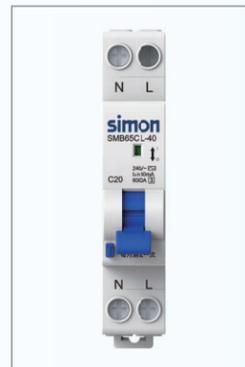
1P+N 10~20A



SMB65C-40C16

For  
**Bathroom /  
Kitchen**

1P+N 20~32A  
With leakage  
protection



SMB65CL-40C20

## Distribution box



### Professional and fashion design

We offer 2 aesthetic options with a total 14 different types to satisfy various needs.

### Convenient recessed installation

The box and its cover can be fixed horizontally and stable by screws and clippers.

### Easier and faster wiring

Offer 2 different size of wire hole, save your trouble in work site.

# Product list

## Circuit Breakers

Product	Voltage	Current	Wire connection	Size (module)	Function
1P	240/415V	10~63A	Connect line only	1	Short circuit protection Overload protection Isolation
1P+N	240V	10~40A	Connect line and neutral	1	
2P	415V	16~100A	Connect line and neutral	2	
3P	415V	16~100A	Connect 3 line	3	
4P	415V	16~100A	Connect 3 line and 1 neutral	4	
1P+N with leakage protection	240V	10~40A	Connect line and neutral	1	Short circuit protection Overload protection Leakage protection Isolation
2P with leakage protection	230/240V	10~63A	Connect line and neutral	2	
4P with leakage protection	400/415V	63A	Connect 3 line and 1 neutral	4	

## MCB

No.	Item code	Product description
1	SMB65C-63C10	SMB65C-63 MCB 6kA 1P C10
2	SMB65C-63C16	SMB65C-63 MCB 6kA 1P C16
3	SMB65C-63C20	SMB65C-63 MCB 6kA 1P C20
4	SMB65C-63C25	SMB65C-63 MCB 6kA 1P C25
5	SMB65C-63C32	SMB65C-63 MCB 6kA 1P C32
6	SMB65C-63C40	SMB65C-63 MCB 6kA 1P C40
7	SMB65C-63C50	SMB65C-63 MCB 6kA 1P C50
8	SMB65C-63C63	SMB65C-63 MCB 6kA 1P C63
9	SMB65C-63C16/2	SMB65C-63 MCB 6kA 2P C16
10	SMB65C-63C20/2	SMB65C-63 MCB 6kA 2P C20
11	SMB65C-63C25/2	SMB65C-63 MCB 6kA 2P C25
12	SMB65C-63C32/2	SMB65C-63 MCB 6kA 2P C32
13	SMB65C-63C40/2	SMB65C-63 MCB 6kA 2P C40
14	SMB65C-63C50/2	SMB65C-63 MCB 6kA 2P C50
15	SMB65C-63C63/2	SMB65C-63 MCB 6kA 2P C63
16	SMB65C-100C80/2	SMB65C-100 MCB 6kA 2P C80
17	SMB65C-100C100/2	SMB65C-100 MCB 6kA 2P C100
18	SMB65C-63C16/3	SMB65C-63 MCB 6kA 3P C16
19	SMB65C-63C20/3	SMB65C-63 MCB 6kA 3P C20



No.	Item code	Product description
20	SMB65C-63C25/3	SMB65C-63 MCB 6kA 3P C25
21	SMB65C-63C32/3	SMB65C-63 MCB 6kA 3P C32
22	SMB65C-63C40/3	SMB65C-63 MCB 6kA 3P C40
23	SMB65C-63C50/3	SMB65C-63 MCB 6kA 3P C50
24	SMB65C-63C63/3	SMB65C-63 MCB 6kA 3P C63
25	SMB65C-100C80/3	SMB65C-100 MCB 6kA 3P C80
26	SMB65C-100C100/3	SMB65C-100 MCB 6kA 3P C100
27	SMB65C-63C16/4	SMB65C-63 MCB 6kA 4P C16
28	SMB65C-63C20/4	SMB65C-63 MCB 6kA 4P C20
29	SMB65C-63C25/4	SMB65C-63 MCB 6kA 4P C25
30	SMB65C-63C32/4	SMB65C-63 MCB 6kA 4P C32
31	SMB65C-63C40/4	SMB65C-63 MCB 6kA 4P C40
32	SMB65C-63C50/4	SMB65C-63 MCB 6kA 4P C50
33	SMB65C-63C63/4	SMB65C-63 MCB 6kA 4P C63
34	SMB65C-100C80/4	SMB65C-100 MCB 6kA 4P C80
35	SMB65C-100C100/4	SMB65C-100 MCB 6kA 4P C100
36	SMB65C-40C10	SMB65C-40 MCB 6kA 1P+N C10
37	SMB65C-40C16	SMB65C-40 MCB 6kA 1P+N C16
38	SMB65C-40C20	SMB65C-40 MCB 6kA 1P+N C20
39	SMB65C-40C25	SMB65C-40 MCB 6kA 1P+N C25
40	SMB65C-40C32	SMB65C-40 MCB 6kA 1P+N C32
41	SMB65C-40C40	SMB65C-40 MCB 6kA 1P+N C40



## RCBO

No.	Item code	Product description
42	SMB65CL-40C10	SMB65CL-40 RCBO 30mA 6kA 1P+N C10
43	SMB65CL-40C16	SMB65CL-40 RCBO 30mA 6kA 1P+N C16
44	SMB65CL-40C20	SMB65CL-40 RCBO 30mA 6kA 1P+N C20
45	SMB65CL-40C25	SMB65CL-40 RCBO 30mA 6kA 1P+N C25
46	SMB65CL-40C32	SMB65CL-40 RCBO 30mA 6kA 1P+N C32
47	SMB65CL-40C40	SMB65CL-40 RCBO 30mA 6kA 1P+N C40

**RCBO**

No.	Item code	Product description
48	SMB65CL-63C10/2	SMB65CL-63 RCBO 30mA 6kA 2P C10
49	SMB65CL-63C16/2	SMB65CL-63 RCBO 30mA 6kA 2P C16
50	SMB65CL-63C20/2	SMB65CL-63 RCBO 30mA 6kA 2P C20
51	SMB65CL-63C25/2	SMB65CL-63 RCBO 30mA 6kA 2P C25
52	SMB65CL-63C32/2	SMB65CL-63 RCBO 30mA 6kA 2P C32
53	SMB65CL-63C40/2	SMB65CL-63 RCBO 30mA 6kA 2P C40
54	SMB65CL-63C50/2	SMB65CL-63 RCBO 30mA 6kA 2P C50
55	SMB65CL-63C63/2	SMB65CL-63 RCBO 30mA 6kA 2P C63
56	SMB65CL-63C63/4	SMB65CL-63 RCBO 30mA 6kA 4P C63

**Distribution box**

No.	Item code	Product description	Row
<b>Transparent</b>			
1	SMX68S-9A	Distribution box 9 modules -Transparent	1
2	SMX68S-12A	Distribution box 12 modules -Transparent	1
3	SMX68S-16A	Distribution box 16 modules -Transparent	1
4	SMX68S-20A	Distribution box 20 modules -Transparent	1
5	SMX68S-24A	Distribution box 24 modules -Transparent	2
6	SMX68S-32A	Distribution box 32 modules -Transparent	2
7	SMX68S-40A	Distribution box 40 modules -Transparent	2
<b>Opaque</b>			
8	SMX68S-9AB	Distribution box 9 modules	1
9	SMX68S-12AB	Distribution box 12 modules	1
10	SMX68S-16AB	Distribution box 16 modules	1
11	SMX68S-20AB	Distribution box 20 modules	1
12	SMX68S-24AB	Distribution box 24 modules	2
13	SMX68S-32AB	Distribution box 32 modules	2
14	SMX68S-40AB	Distribution box 40 modules	2





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Casablanca · Lima · Lisbon · Mexico D. F. · Moscow · New Delhi · Turin · Warsaw ·  
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SIMON, S.A.  
Tel. +34 902 109100  
Web. [www.simonelectric.com](http://www.simonelectric.com)

**Vietnam**  
Tel. +84 24 6662 9981  
Web. [www.simon.sale](http://www.simon.sale)

Simon Electric (China)  
Tel. +86 21 3855 5222  
Web. <https://www.simon.com.cn/>

PT Simon Elektrik Indonesia  
Tel. +62 21 52960373  
Web. [www.simonelektrik.co.id](http://www.simonelektrik.co.id)

Simon Electric (APAC)  
Web. [www.simon-apac.com](http://www.simon-apac.com)  
E-mail. [info@simon-apac.com](mailto:info@simon-apac.com)

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