

Simon 65C



NEW CORE
NEW STANDARD

simon

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 CORE, NEW STANDARD

Contribute to safety of electrical installation



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

RCCB



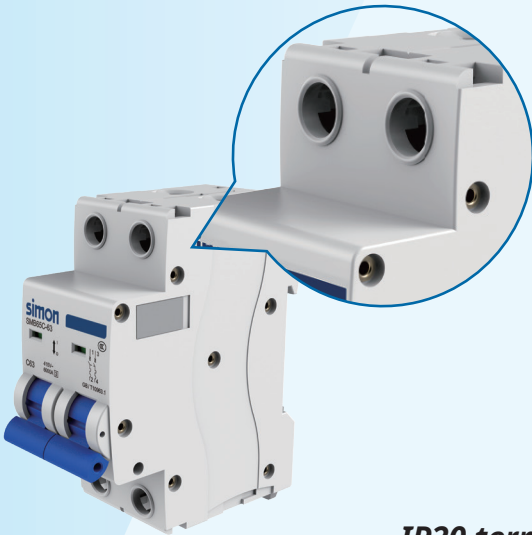
- Leakage protection
- Isolation

RCBO



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

Circuit breakers



IP20 terminals

With this protection we can ensure your safety, both during your installation and in your maintenance operation if needed.



Flexible connection

Output cables can be connected either on upper terminal or lower terminal this adds flexibility in your design and wiring



Standards
accordance

IEC61009-1
IEC60898-1
IEC61008-1



6000A
breaking
capacity



High speed
circuit
breaking



Voltage
240V /
415V

NEW CORE NEW STANDARD

6000A
BREAKING
CAPACITY

9-12
ARC
DIVIDERS

Easy
Flexible
Connection

High breaking speed, efficient arc extinguish

Ics=**6000A** breaking capacity

High resistance to impact, quick power off

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

New moving contact

Operate stably

Robust **Silver** contact

Good electrical conductivity,
long service life

Run-on Plate

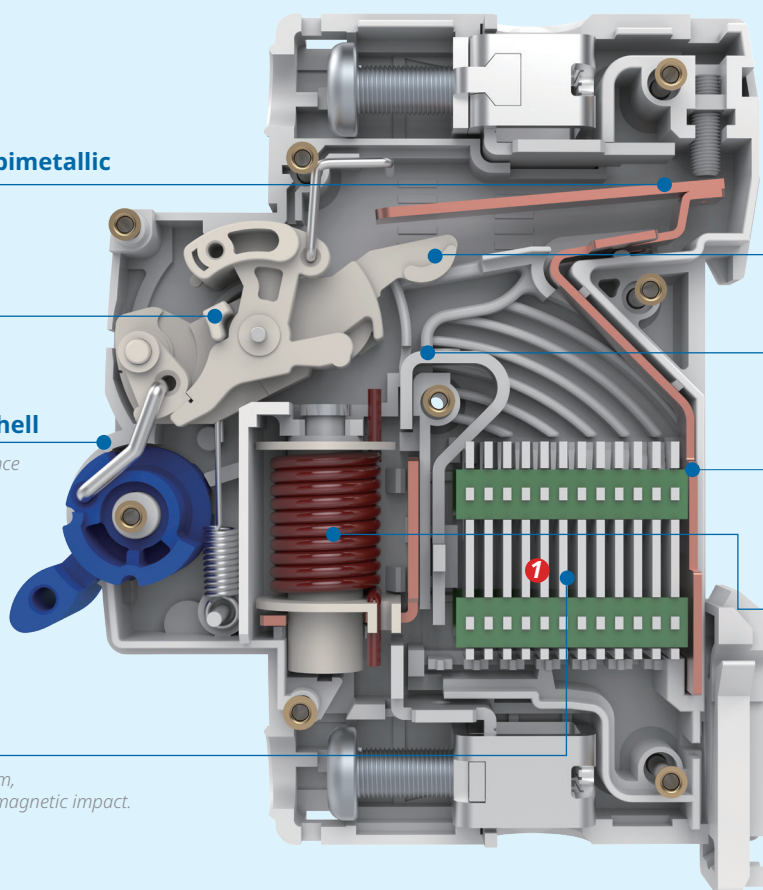
Strong overload protection.

Electromagnetic coil

Fast short circuit protection

Arc divider

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



① Arc dividers (9-12 layers)

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

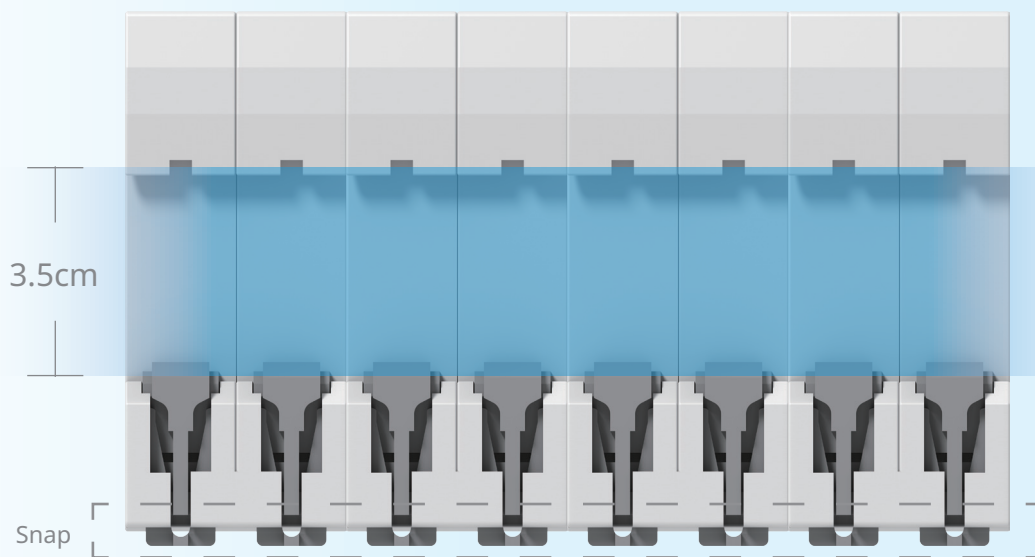
SMB65C 2A-25A 9pcs

SMB65C 32A-63A 12pcs

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

Distribution box



Installation:

We offer 2 installation options, recessed or surface.



Material:

2 different materials for the back side of the box, PC or Metal.



Size:

We offer 8 different sizes with options from 4 to 36 modules distributed in 1, 2 or 3 rows.

NEW CORE
NEW STANDARD

User friendly, more convenient

Visual operation

Circuit open or close indicator

Close: **red** ■
Open: **green** ■

Leakage visual indicator

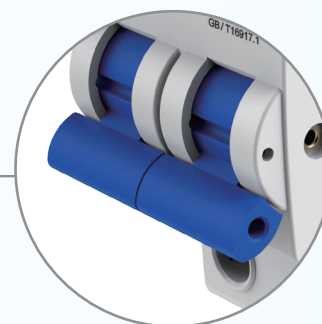
Normal: white □
Leakage: **red** ■

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



Ergonomics design handle

Easy to operate and
prevent mishandling.



Recommend solutions: economic & safe



Economic

General breaker
with leakage protection

Problem identified

Hard to identify
which circuit has problem

Advantage

Economic



Safe

Sub-circuit with
leakage protection

Problem identified

Able to identify
the problem circuit **quickly**

Advantage

Safe

Products

MCB



- 1P / 2P / 3P / 4P
- 2A to 63A
- Trip curve type C
- Overload protection
- Short circuit protection
- Isolation

*SMB65C-63 MCB 6kA 1P C10

- Type of the tripping curve and rated current (A)
- Number of protected poles
- Breaking capacity
- Max. Rated current (A) for the MCB at this range
- Code for 65C range

RCCB



- 2P / 4P
- 25A to 80A
- Current leakage Sensitivity 30mA
- Test button
- Current leakage protection
- Isolation

*SMB65VLM RCCB 30mA 2P 25A

- Rated current (A)
- Number of protected poles
- Current leakage sensitivity
- Electromagnetic leakage circuit breaker
- Code for 65V range

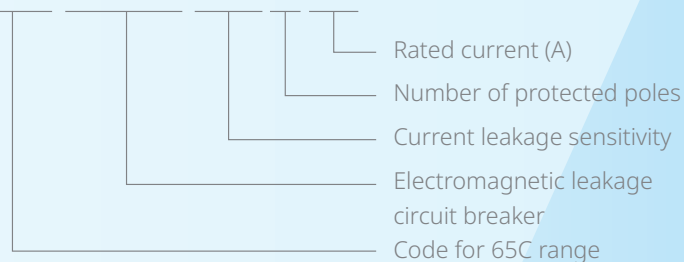
*Product description explanation

RCBO



- 1P+N / 2P / 3P / 4P
- 6A to 63A
- Current leakage Sensitivity 30mA
- Test button
- Current leakage protection
- Isolation

* SMB65CSL-63 RCBO 30mA 2P 63A



*Product description explanation

Product list

Circuit Breakers					
Product	Voltage	Current	Wire connection	Size (module)	Function
1P	240/415V	2~63A	Connect line only	1	Short circuit protection Overload protection Isolation
2P	240/415V	2~63A	Connect line and neutral	2	
3P	240/415V	2~63A	Connect 3 line	3	
4P	240/415V	2~63A	Connect 3 line and 1 neutral	4	
2P with leakage protection	230/240V	25~80A	Connect line and neutral	2	Leakage protection Isolation
4P with leakage protection	400/415V	25~80A	Connect 3 line and 1 neutral	4	
1P+N with leakage protection	230/240V	10~63A	Connect line and neutral	2	Short circuit protection Overload protection Leakage protection Isolation
2P with leakage protection	230/240V	10~63A	Connect line and neutral	3	
3P with leakage protection	230/240V	10~63A	Connect 3 line	6	
4P with leakage protection	400/415V	10~63A	Connect 3 line and 1 neutral	8	

MCB

Item code	Product description		Item code	Product description
SMB65C-63C02	SMB65C-63 MCB 6kA 1P C02		SMB65C-63C02/3	SMB65C-63 MCB 6kA 3P C02
SMB65C-63C04	SMB65C-63 MCB 6kA 1P C04		SMB65C-63C04/3	SMB65C-63 MCB 6kA 3P C04
SMB65C-63C06	SMB65C-63 MCB 6kA 1P C06		SMB65C-63C06/3	SMB65C-63 MCB 6kA 3P C06
SMB65C-63C10	SMB65C-63 MCB 6kA 1P C10		SMB65C-63C10/3	SMB65C-63 MCB 6kA 3P C10
SMB65C-63C16	SMB65C-63 MCB 6kA 1P C16		SMB65C-63C16/3	SMB65C-63 MCB 6kA 3P C16
SMB65C-63C20	SMB65C-63 MCB 6kA 1P C20		SMB65C-63C20/3	SMB65C-63 MCB 6kA 3P C20
SMB65C-63C25	SMB65C-63 MCB 6kA 1P C25		SMB65C-63C25/3	SMB65C-63 MCB 6kA 3P C25
SMB65C-63C32	SMB65C-63 MCB 6kA 1P C32		SMB65C-63C32/3	SMB65C-63 MCB 6kA 3P C32
SMB65C-63C40	SMB65C-63 MCB 6kA 1P C40		SMB65C-63C40/3	SMB65C-63 MCB 6kA 3P C40
SMB65C-63C50	SMB65C-63 MCB 6kA 1P C50		SMB65C-63C50/3	SMB65C-63 MCB 6kA 3P C50
SMB65C-63C63	SMB65C-63 MCB 6kA 1P C63		SMB65C-63C63/3	SMB65C-63 MCB 6kA 3P C63
SMB65C-63C02/2	SMB65C-63 MCB 6kA 2P C02		SMB65C-63C02/4	SMB65C-63 MCB 6kA 4P C02
SMB65C-63C04/2	SMB65C-63 MCB 6kA 2P C04		SMB65C-63C04/4	SMB65C-63 MCB 6kA 4P C04
SMB65C-63C06/2	SMB65C-63 MCB 6kA 2P C06		SMB65C-63C06/4	SMB65C-63 MCB 6kA 4P C06
SMB65C-63C10/2	SMB65C-63 MCB 6kA 2P C10		SMB65C-63C10/4	SMB65C-63 MCB 6kA 4P C10
SMB65C-63C16/2	SMB65C-63 MCB 6kA 2P C16		SMB65C-63C16/4	SMB65C-63 MCB 6kA 4P C16
SMB65C-63C20/2	SMB65C-63 MCB 6kA 2P C20		SMB65C-63C20/4	SMB65C-63 MCB 6kA 4P C20
SMB65C-63C25/2	SMB65C-63 MCB 6kA 2P C25		SMB65C-63C25/4	SMB65C-63 MCB 6kA 4P C25
SMB65C-63C32/2	SMB65C-63 MCB 6kA 2P C32		SMB65C-63C32/4	SMB65C-63 MCB 6kA 4P C32
SMB65C-63C40/2	SMB65C-63 MCB 6kA 2P C40		SMB65C-63C40/4	SMB65C-63 MCB 6kA 4P C40
SMB65C-63C50/2	SMB65C-63 MCB 6kA 2P C50		SMB65C-63C50/4	SMB65C-63 MCB 6kA 4P C50
SMB65C-63C63/2	SMB65C-63 MCB 6kA 2P C63		SMB65C-63C63/4	SMB65C-63 MCB 6kA 4P C63

RCCB

Item code	Product description	Modules	Item code	Product description	Modules
SMB65VLM-25/2	SMB65VLM RCCB 30mA 2P 25A	2	SMB65VLM-25/4	SMB65VLM RCCB 30mA 4P 25A	4
SMB65VLM-40/2	SMB65VLM RCCB 30mA 2P 40A	2	SMB65VLM-40/4	SMB65VLM RCCB 30mA 4P 40A	4
SMB65VLM-63/2	SMB65VLM RCCB 30mA 2P 63A	2	SMB65VLM-63/4	SMB65VLM RCCB 30mA 4P 63A	4
SMB65VLM-80/2	SMB65VLM RCCB 30mA 2P 80A	2	SMB65VLM-80/4	SMB65VLM RCCB 30mA 4P 80A	4

RCBO

Item code	Product description	Item code	Product description
SMB65CSL-63C06/1N	SMB65CSL-63 RCBO 30mA 6kA 1P+N C06	SMB65CSL-63C06/3	SMB65CSL-63 RCBO 30mA 6kA 3P C06
SMB65CSL-63C10/1N	SMB65CSL-63 RCBO 30mA 6kA 1P+N C10	SMB65CSL-63C10/3	SMB65CSL-63 RCBO 30mA 6kA 3P C10
SMB65CSL-63C16/1N	SMB65CSL-63 RCBO 30mA 6kA 1P+N C16	SMB65CSL-63C16/3	SMB65CSL-63 RCBO 30mA 6kA 3P C16
SMB65CSL-63C20/1N	SMB65CSL-63 RCBO 30mA 6kA 1P+N C20	SMB65CSL-63C20/3	SMB65CSL-63 RCBO 30mA 6kA 3P C20
SMB65CSL-63C25/1N	SMB65CSL-63 RCBO 30mA 6kA 1P+N C25	SMB65CSL-63C25/3	SMB65CSL-63 RCBO 30mA 6kA 3P C25
SMB65CSL-63C32/1N	SMB65CSL-63 RCBO 30mA 6kA 1P+N C32	SMB65CSL-63C32/3	SMB65CSL-63 RCBO 30mA 6kA 3P C32
SMB65CSL-63C40/1N	SMB65CSL-63 RCBO 30mA 6kA 1P+N C40	SMB65CSL-63C40/3	SMB65CSL-63 RCBO 30mA 6kA 3P C40
SMB65CSL-63C50/1N	SMB65CSL-63 RCBO 30mA 6kA 1P+N C50	SMB65CSL-63C50/3	SMB65CSL-63 RCBO 30mA 6kA 3P C50
SMB65CSL-63C63/1N	SMB65CSL-63 RCBO 30mA 6kA 1P+N C63	SMB65CSL-63C63/3	SMB65CSL-63 RCBO 30mA 6kA 3P C63
SMB65CSL-63C06/2	SMB65CSL-63 RCBO 30mA 6kA 2P C06	SMB65CSL-63C06/4	SMB65CSL-63 RCBO 30mA 6kA 4P C06
SMB65CSL-63C10/2	SMB65CSL-63 RCBO 30mA 6kA 2P C10	SMB65CSL-63C10/4	SMB65CSL-63 RCBO 30mA 6kA 4P C10
SMB65CSL-63C16/2	SMB65CSL-63 RCBO 30mA 6kA 2P C16	SMB65CSL-63C16/4	SMB65CSL-63 RCBO 30mA 6kA 4P C16
SMB65CSL-63C20/2	SMB65CSL-63 RCBO 30mA 6kA 2P C20	SMB65CSL-63C20/4	SMB65CSL-63 RCBO 30mA 6kA 4P C20
SMB65CSL-63C25/2	SMB65CSL-63 RCBO 30mA 6kA 2P C25	SMB65CSL-63C25/4	SMB65CSL-63 RCBO 30mA 6kA 4P C25
SMB65CSL-63C32/2	SMB65CSL-63 RCBO 30mA 6kA 2P C32	SMB65CSL-63C32/4	SMB65CSL-63 RCBO 30mA 6kA 4P C32
SMB65CSL-63C40/2	SMB65CSL-63 RCBO 30mA 6kA 2P C40	SMB65CSL-63C40/4	SMB65CSL-63 RCBO 30mA 6kA 4P C40
SMB65CSL-63C50/2	SMB65CSL-63 RCBO 30mA 6kA 2P C50	SMB65CSL-63C50/4	SMB65CSL-63 RCBO 30mA 6kA 4P C50
SMB65CSL-63C63/2	SMB65CSL-63 RCBO 30mA 6kA 2P C63	SMB65CSL-63C63/4	SMB65CSL-63 RCBO 30mA 6kA 4P C63

Distribution box

Code	Product Description	Rows	Product size	Cutout size
SMX65ES-4	65E-Distribution box-surface-4modules	1	112 x 200 x 98	-
SMX65ES-6	65E-Distribution box-surface-6modules	1	148 x 200 x 98	-
SMX65ES-8	65E-Distribution box-surface-8modules	1	183 x 200 x 98	-
SMX65ES-10	65E-Distribution box-surface-10modules	1	220 x 200 x 98	-
SMX65ES-12	65E-Distribution box-surface-12modules	1	256 x 200 x 98	-
SMX65ES-18	65E-Distribution box-surface-18modules	1	363 x 200 x 98	-
SMX65ES-24	65E-Distribution box-surface-24modules	2	270 x 328 x 98	-
SMX65ES-36	65E-Distribution box-surface-36modules	3	270 x 459 x 98	-
SMX65ES-4A	65E-Distribution box-recessed-4modules	1	158 x 246 x 94	127 x 213 x 67
SMX65ES-6A	65E-Distribution box-recessed-6modules	1	194 x 246 x 94	164 x 213 x 67
SMX65ES-8A	65E-Distribution box-recessed-8modules	1	230 x 246 x 94	199 x 213 x 67
SMX65ES-10A	65E-Distribution box-recessed-10modules	1	266 x 246 x 94	235 x 213 x 67
SMX65ES-12A	65E-Distribution box-recessed-12modules	1	304 x 246 x 94	272 x 213 x 67
SMX65ES-18A	65E-Distribution box-recessed-18modules	1	412 x 246 x 94	380 x 213 x 67
SMX65ES-24A	65E-Distribution box-recessed-24modules	2	306 x 359 x 94	272 x 324 x 67
SMX65ES-36A	65E-Distribution box-recessed-36modules	3	306 x 483 x 94	272 x 456 x 67
SMX65E-4A	65E-Distribution metal box-recessed-4modules	1	158 x 246 x 100	108 x 200 x 70
SMX65E-6A	65E-Distribution metal box-recessed-6modules	1	194 x 246 x 100	144 x 200 x 70
SMX65E-8A	65E-Distribution metal box-recessed-8modules	1	230 x 246 x 100	174 x 200 x 70
SMX65E-10A	65E-Distribution metal box-recessed-10modules	1	266 x 246 x 100	216 x 200 x 70
SMX65E-12A	65E-Distribution metal box-recessed-12modules	1	304 x 246 x 100	252 x 200 x 70
SMX65E-18A	65E-Distribution metal box-recessed-18modules	1	412 x 246 x 100	360 x 200 x 70
SMX65E-24A	65E-Distribution metal box-recessed-24modules	2	306 x 359 x 100	252 x 307 x 70
SMX65E-36A	65E-Distribution metal box-recessed-36modules	3	306 x 483 x 100	252 x 437 x 70



Website



Facebook



YouTube



www.simonelectric.com



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