



S200C

Miniature Circuit Breaker

COMPACT SIZE, STRONGER PROTECTION

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ENGINEERED
TO OUTFIT

S200C

Miniature Circuit Breaker

The S200C MCBs are compact, which makes them well-suited for saving space in the installation.

Compact MCBs series 1P+1P in 1M, 2P in 1M with breaking capacity from 4,5kA to 10kA to cover applications from residential to industrial, including also marine and traction segments.

Compatibility with all System Pro M compact accessories through the new Slim Range Adaptor.



S200C

Benefits



Benefits for the panel builders

- Space saving
- Easy to install
- A solution for all applications



Benefits for the wholesalers

- Global availability
 - Wide choice in terms of codes to cover different applications
 - Availability of different approval marks



Benefits for the consultants

- Global availability
- Full technical data available



S200C

What's new

The S200C MCBs are compact, which makes them well-suited for saving space in the installation.

Compact MCBs series 1P+1P in 1M, 2P in 1M with breaking capacity from 4,5kA to 10kA to cover applications from residential to industrial, including also marine and traction segments.

- A **consistent look and feel** across **compact** products
- **Compatibility** with all **System Pro M compact accessories** through the new Slim Range Adapter
- **QR Code** that directs to dedicated product page with product technical details, certifications, and sustainability information (**Ecolabel**)



S200C

Main values

Robustness

The dedicated transportation version (S200CT) is designed with V0 R26/HL3 and R22/HL3 plastic materials and meets IEC/EN 61373 Category 1, class B standards for shock and vibration, ensuring exceptional durability in harsh environments.

Performance

With a breaking capacity up to 10kA, the S200C ensures outstanding performance and reliability, providing robust protection in demanding marine and railway conditions.



Space saving

The S200C's innovative slim design maximizes valuable installation space, making it an ideal solution for the confined environments of marine and railway applications.

Sustainability

The S200C promotes sustainability by optimizing energy efficiency and reducing material waste, contributing to greener operations.

01

TRENDS IN TARGET APPLICATIONS

S200C

Trends



URBANIZATION

- Ideal solution for modern compact living in urban areas



SUSTAINABILITY

- Optimizes space and resources thanks to the compact design



FLEXIBILITY

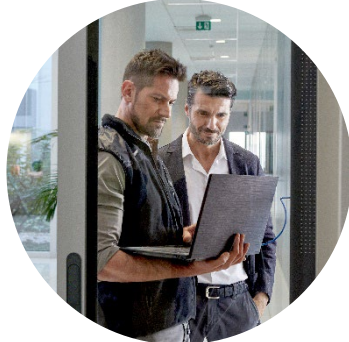
- Compatible with a wide range of accessories
- Harmonized with other compact products

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Target customers & applications



PANEL BUILDERS



WHOLESALE



**RESIDENTIAL
BUILDINGS**



TRACTION



MARINE

02

BENEFITS FOR TARGET GROUPS

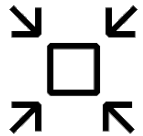
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Benefits for Panel Builders

Space Saving

Compact solution to reduce the space in the installation of 50%, thanks to the new series:

- 1P+1P 1M
- 2P 1M (including traction)



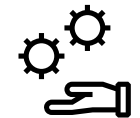
Easy to install

- Supply possible either from top and bottom terminals
- Connection possible with cable and busbars
- Easy mounting and dismounting operation thanks to the double clips: easy removal from a battery of device supplied with busbars.
- Simple combination with System Pro M compact accessories



A solution for all applications

- Wide range to cover different applications and main customers needs
- Dedicated series for traction available
- Combination with signal/auxiliary contact to monitor the status of the device



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Benefits for Wholesalers

Global availability

- Wide range to cover different applications and main customers needs (including dedicated series for traction)
- Availability of different quality approvals
- Possibility to consult and have access to:
 - Full technical data
 - Derating values according



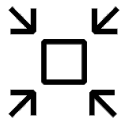
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Benefits for Traction and Marine

Space Saving

Compact solution to reduce the space in the installation of 50%, thanks to the new series:

- 1P+1P 1M
- 2P 1M (including traction)



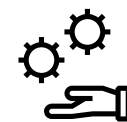
Dedicated material and certification for Traction

- Plastic material fire and smoke classification according to EN 60695-11-10: **V0**
- Plastic material fire and smoke classification according to EN 45545-2: **R26/HL3, R22/HL3 (new)**
- Shock and vibration classification according to IEC 61373: **Category 1, class B**



Dedicated certification for Marine

- RINA and BV certifications for marine



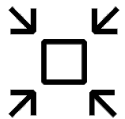
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Benefits for Residential Buildings

Space Saving

Compact solution to reduce the space in the installation of 50%, thanks to the new series:

- 1P+1P 1M
- 2P 1M (including traction)



03

TECHNICAL FEATURES

S200C

Series overview

S2011C1: 1P+1P in 1M



- 6 kA breaking capacity

S202C: 2P in 1M



- 4.5, 6, 10 kA breaking capacity
- Dedicated series for traction



COMPACT SERIES, TO SAVE 50% OF THE SPACE IN THE INSTALLATION



S200C

Product at a glance

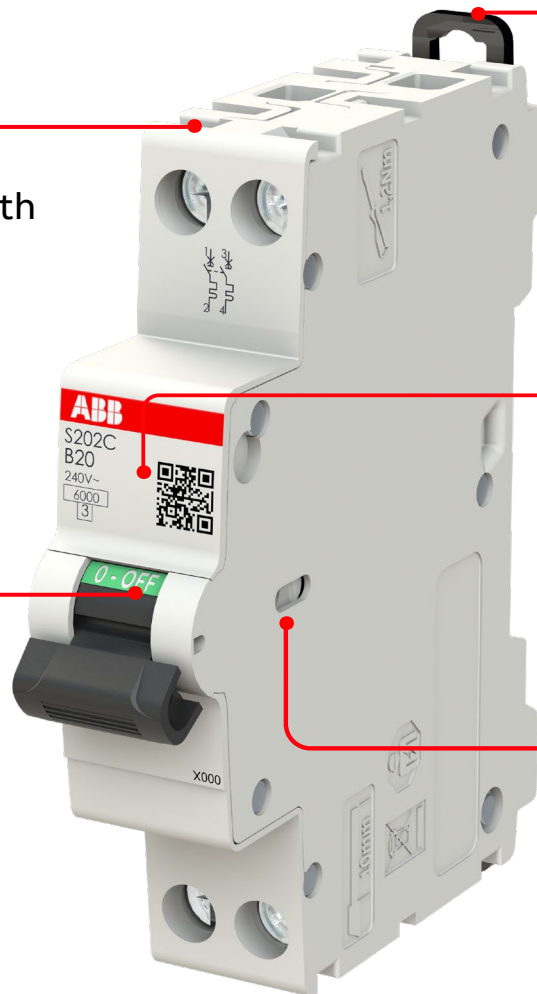
Easy to install

Supply possible either from top or bottom side, with cables or busbars.

All screws are on the same level for a fast and easy installation.

Guaranteed security

Indication of the contacts status with I-ON/O-FF indication in green/red on the toggle.



High performance clips

To facilitate the mounting and dismounting operation, guaranteeing an easy removal from a battery of device supplied with busbars.

QR code & laser printed information

Space for QR code with relevant information. Main technical information and product code are laser printed on the front side, visible also when the device is installed.

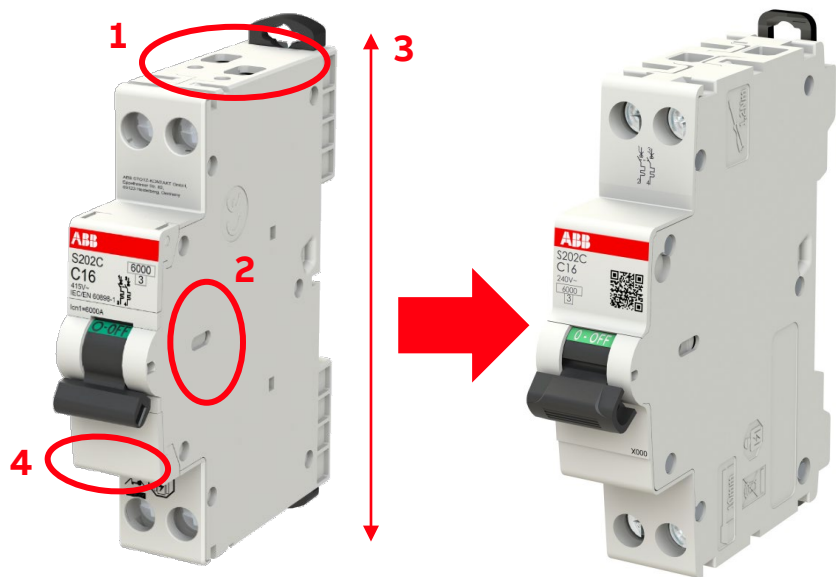
Combination with accessories

Possibility to mount signal and auxiliary contacts on either the right or left side, ensuring compatibility with all System Pro M compact accessories thanks to the SCC-IH6R(L) and S6R (L).

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Old vs new design

Comparison



Features	Actual S200C	S200C New Range	Benefit
1 - Terminals	NOT aligned to SN201	Aligned to SN201 / DS301C	Common busbar
2 - Accessories	G2C aux/sig (3 codes Unibis rebranded)	System Pro M compact accessories after the new sig/aux SCC-IH6R	Common accessories
3 – Products shape	86 x 70 x 17,8 mm	85 x 69 x 17,6 mm	System Pro M Compact shape
4 – Label carrier	Free space	Free space plus QR code 6x6mm	System Pro M Compact look&feel

S200C

	S200C	S200TC	
Series name	S2011C	S202C	
Standards	IEC/EN 60898-1		
Number of poles	1P+1P	2P	2P
Number of modules	1M	1M	1M
Rated voltage Ue (V)	240	240	415
Breaking capacity Icn in AC acc. To IEC/EN 60898-1 (kA)	6	4.5; 6; 10	6
Breaking capacity Icu in AC acc. To IEC/EN 60947-2, only referring to internal short circuit test (kA)	6	6; 10	6
Breaking capacity Icu in DC acc. To IEC/EN 60947-2, only referring to internal short circuit test (kA)	6 kA @ 48 VDC	6 kA @ 110 VDC	6 kA @ 110 VDC
Tripping Characteristic	B, C	B, C	B, C
Rated current In (A)	1...20	2...40 (32 for 10 kA)	2...32
Plastic material	V2		V0; R26/HL3; R22/HL3
Shock and vibration	-		IEC/EN 61373 Category 1, class B
Ambient temperature	-25...+55 °C		-25...+55 °C
Elec. Endurance (OFF-ON-OFF)	7000 cycles		
Mech. Endurance (OFF-ON-OFF)	7000 cycles		



S200C Enhancement



S2011C

Main technical features

	S2011C
Standards	IEC/EN 60898-1
Poles	1P+1P
Modules	1M
Rated breaking capacity, Icn (kA) acc. to IEC/EN 60898-1	6 kA
Rated voltage	240 V
Tripping characteristics	B, C
Rated current I _n	2 ≤ I _n ≤ 20
Terminal size for cables (Top/Bottom)	10 flexible; 16 rigid top/bottom
Terminal size for busbars (Top/Bottom)	10/10 mm ²
Supply from	Top/Bottom
Dimensions (H x D x W)	85 x 69 x 17,6 mm
Weight	160 g
Combination with accessories	Yes

S202C

Main technical features

	S202C			S202TC transportation application
	S202C L	S202C	S202C M	
Standards	IEC/EN 60898-1			
Poles	2P			
Modules	1M			
Rated breaking capacity, I _{cn} (kA) acc. to IEC/EN 60898-1	4.5 kA	6 kA	10 kA	6 kA
Rated voltage	240 V	240 V	240 V	240 V
Tripping characteristics	C	B, C	B, C	B, C
Rated current I _n	2 ≤ I _n ≤ 40		2 ≤ I _n ≤ 32	2 ≤ I _n ≤ 32
Terminal size for cables (Top/Bottom)	10 flexible; 16 rigid top/bottom			
Terminal size for busbars (Top/Bottom)	10/10 mm ²			
Supply from	Top/Bottom			
Dimensions (H x D x W)	85 x 70 x 17,6 mm			
Weight	160 g			
Combination with accessories	Yes			

S202TC

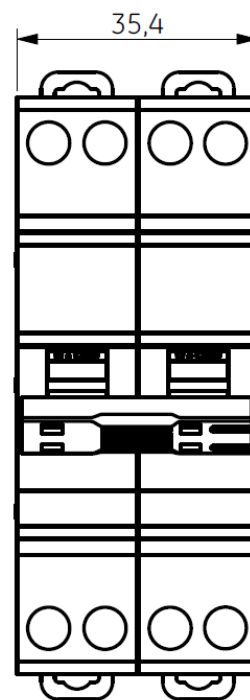
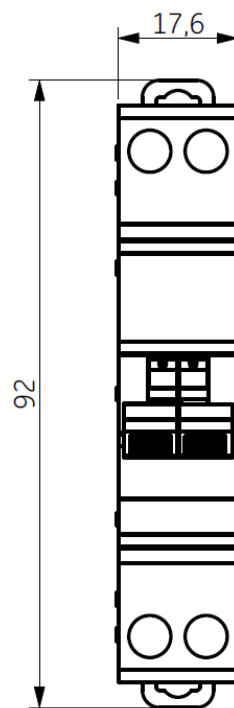
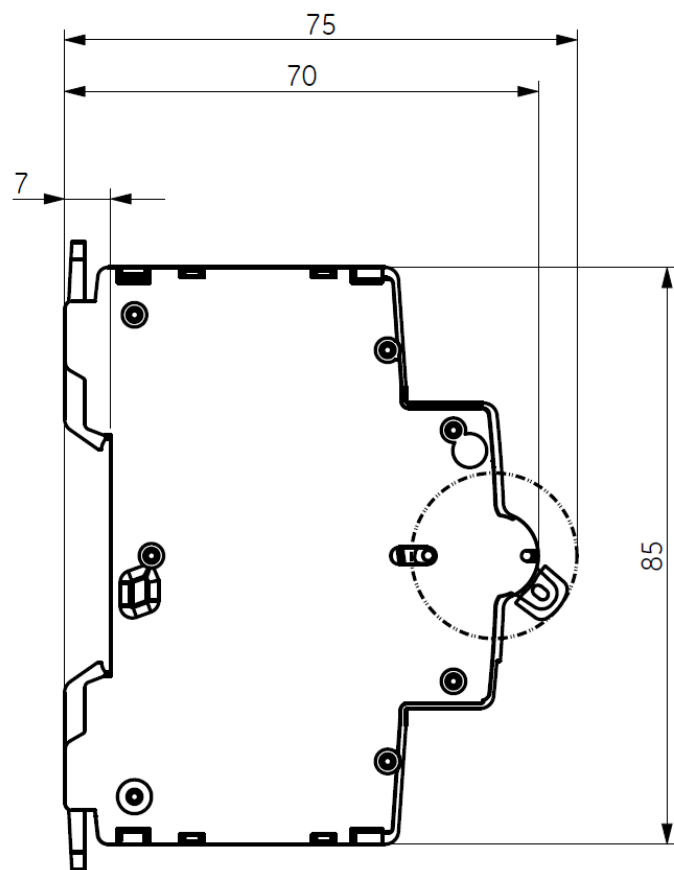
Main technical features of traction versions

S202TC series is specific for traction applications, meeting these requirements:

- Plastic material fire and smoke classification according to EN 60695-11-10: **V0**
- Plastic material fire and smoke classification according to EN 45545-2: **R26/HL3**, **R22/HL3 (new)**
- Shock and vibration classification according to IEC 61373: **Category 1, class B**

S200C

Measurements

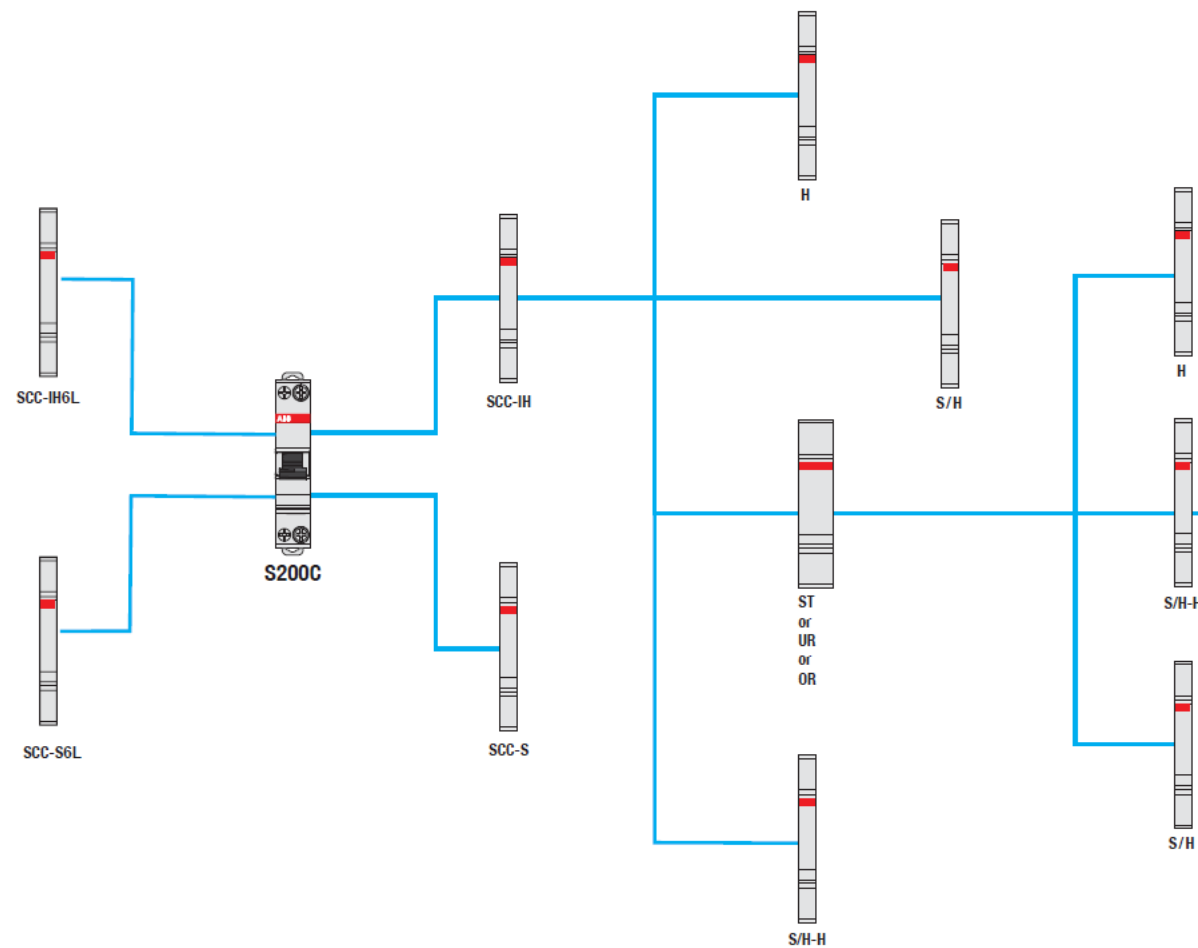


H: 85 mm
D: 69 mm
W: 17.6 mm 1 module; 35.4 mm 2 modules
Weight: 160 g 1 module, 320 g 2 modules



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Accessories scheme



SCC-IH	Auxiliary slim range adapter	SCC-IH6R, SCC-IH6L
SCC-S	Signal slim range adapter	SCC-S6R, SCC-S6L
H	Auxiliary contact	S2C-H6R
S/H	Signal/auxiliary contact	S2C-S/H6R
ST	Shunt trip	S3C-A...
UR	Undervoltage release	S2C-UA, S3C-UA*
OR	Overvoltage release	S2C-OVP
S/H-H	Auxiliary contact-Signal contact/ Auxiliary contact 2CO	S3C-H-S/H6R
S/H-H (H)	Auxiliary contact-Signal contact/ Auxiliary contact 2CO (used as auxiliary contact)	S3C-H-S/H6R

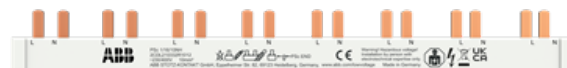
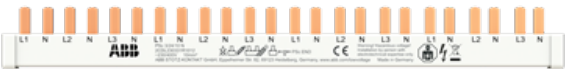
* S3C-UA can accept only one auxiliary or signal contact mounted after it

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Busbar coupling

Busbars

2CDL210331R1012	PSc 1/24/10 N
2CDL230331R1018	PSc 1/36/10 N
2CDL210331R1060	PSc 1/114/10 N
2CDL230331R1010	PSc 3/20/10 N
2CDL230331R1012	PSc 3/24/10 N
2CDL230331R1060	PSc 3/114/10 N
2CDL210332R1012	PSc 1/16/10 NH
2CDL210332R1060	PSc 1/78/10 NH
2CDL230332R1012	PSc 3/16/10 NH
2CDL230332R1060	PSc 3/78/10 NH



Busbars

2CDL833141R1024	BB-SU 3/24/10 Bottom
2CDL833141R1011	BB-SU 3/112/10 Bottom

Accessories

End Caps	
2CDL200331R0003	PSc-END
Feed-in terminals	
2CDL200003R2525	AST 25/25 QIR
Shock protection Caps	
2CDL200331R0013	BSKc



Busbars

2CSL910001R1012	BS9 1/12
2CSL910011R1012	BS9 1/12 NA
2CSL910001R1056	BS9 1/56
2CSL910011R1056	BS9 1/56 NA
2CSL930001R1012	BS9 3/12
2CSL930001R1057	BS9 3/57
2CSL920009R1012	BF2-S9 UP 1N/12
2CSL940009R1012	BF2-S9 UP 3N/12
2CSL920002R1012	BF2-S9 DOWN 1N/12
2CSL940002R1012	BF2-S9 DOWN 3N/12



Accessories

End Caps	
2CSL980001R0001	BS9-END 3P
Feed-in terminals	
2CSL980001R2530	FEED-IN 25/30 3P
2CSL980001R2515	FEED-IN 25/15 1P

Different busbars
compared old range

O4

**USE CASES AND
RELATED PRODUCTS**

S200C

Use cases



Keep your home safe and efficient with the S200C, made to protect and improve your electrical systems.



Count on the S200C for reliable safety and performance in trains, designed to handle the tough conditions of railway use.



Sail smoothly with the S200C, built to provide strong protection and save space on your boat.

Strong performance in slim design

S200C

Related products



SN201

- Compact MCB 1P+N in 1 module
- Common look&feel and accessories

[Webpage](#)



Slim Range Adaptor

- Connects S200C and SN201 with all System Pro M accessories

[Webpage](#)

ABB