

CATALOG EXTRACT

## S200C Compact MCBs

Save up to 50% more of space  
in the installation



- **Compact solution: Saves 50% more space in installation**
- **Easy to install: Flexible supply, connection and combination and easy mounting and dismounting operation**
- **Versatile: Wide range with different quality approvals to cover many different applications including also marine and traction segments**

# S200C Compact MCBs

Save up to 50% more of space in the installation

## 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-OFF indication in green/red on the toggle

## Dedicated space for label

Dedicated space to insert labels in order to clearly identify the protected lines



## High performance clips

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

## Laser printed information

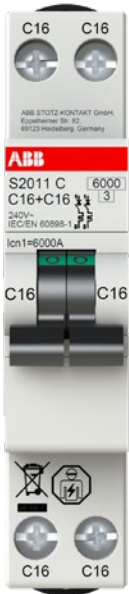
Main technical information and product code are laser printed on the front side, visible also when the device is installed

## Combination with accessories

Possibility to mount signal and auxiliary contacts either on right or left side

# S200C series

## One-sight overview



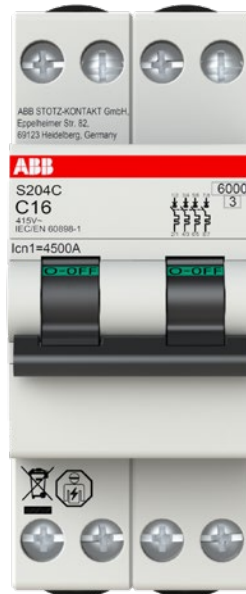
1P+1P  
1 module



2P  
1 module



3P  
2 modules



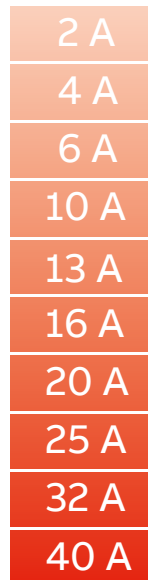
4P  
2 modules



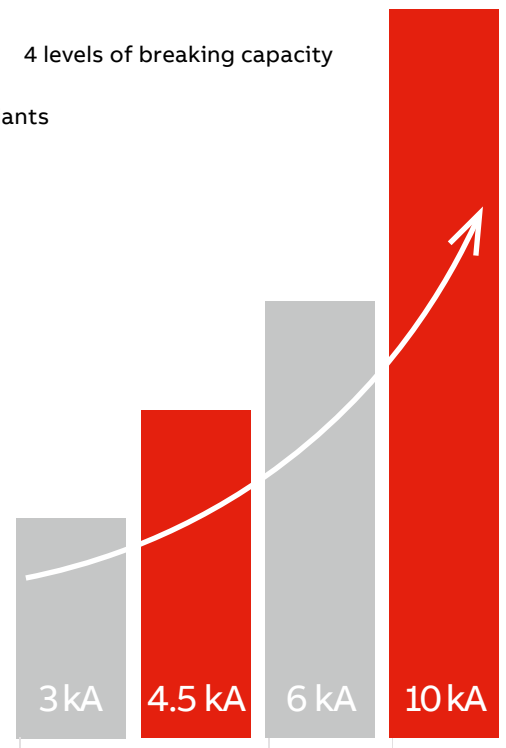
Auxiliary G2C  
H and S/H

- **S2011C: 1P+1P in 1M** - 6 kA braking capacity, B and C char up to 20 A.
- **S202C: 2P in 1M** - From 3 kA to 10 kA breaking capacity, B and C char up to 40 A. Including a dedicated version for traction.
- **S203C: 3P in 2M** - From 3 kA to 6 kA breaking capacity, B and C char up to 32 A.
- **S204C: 4P in 2M** - From 3 kA to 6 kA breaking capacity, B and C char up to 32 A.
- **G2C auxiliary and signal contact**

10 rated current variants



4 levels of breaking capacity



## S2011C

### Technical features

<b>S2011C</b>			
<b>Standards</b>		IEC/EN 60898-1	
<b>Electrical features</b>			
Number of poles		1P+1P	
Number of modules		1M	
Tripping Characteristic		B, C	
Rated current $I_n$	A	$2 \leq I_n \leq 20$	
Rated voltage $U_e$	V	230/240	
Insulation voltage $U_i$	V	500 V AC	
Overvoltage category		III	
Pollution degree		2	
Rated frequency	Hz	50/60	
Min operating voltage	V	12	
Max operating voltage	V	264	
Rated breaking capacity acc. to IEC/EN 60898-1	$I_{cn}$	A	6000
"Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)"	ultimate $I_{cu}$	kA	6
	service $I_{cs}$	kA	6
Rated breaking capacity $I_{cn1}$ acc. to IEC/EN 60898-1	$I_{cn1}$	A	6000
"Rated breaking capacity acc. to IEC/EN 60947-2 in DC (only referring to short circuit test, poles connected in series, tc 4ms)"	ultimate $I_{cu}$	kA	6 kA @ 48 VDC
Rated impulse withstand voltage (1.2/50) $U_{imp}$		kV	4 kV
Dielectric test voltage at ind. freq. for 1 min.		kV	2.5 kV (50 / 60Hz, 1 min.)
Thermomagnetic release - characteristic	B: $3 I_n \leq I_m \leq 5 I_n$		■
	C: $5 I_n \leq I_m \leq 10 I_n$		■
Energy limiting class			3
<b>Mechanical features</b>			
Housing		Insulation group I, RAL 7035	
Toggle		Insulation group II, Black RAL 9005, sealable in ON-OFF positions	
Electrical life	operations	10000	
Mechanical life	operations	20000	
Protection degree acc. to EN 60529	housing	IP40	
	terminals	IP20	
Shock resistance acc. to IEC/EN 60068-2-27		40 g (x,y,z) - 18 shocks - 5ms half sinusoidal	
Vibration resistance acc. to IEC/EN 60068-2-6		0.35 mm or 5g - 20 cycles at 5...150...5 Hz	
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH	28 cycles with 55 °C/90-96 % and 25 °C/95-100 %	
Reference temperature for setting of thermal element	°C	30	
Ambient temperature (with daily average $\leq +35$ °C)	°C	-25...+55	
Storage temperature	°C	-40...+70	
<b>Installation</b>			
Terminal type	top / bottom	Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)	
Terminal size for cables	top / bottom	mm <sup>2</sup>	10 flexible / 16 rigid top & bottom
Terminal size for busbars	top / bottom	mm <sup>2</sup>	10/10
Tightening torque	top / bottom	Nm	3
Stripping length of the cable		mm	12
Mounting		on DIN rail EN 60715 (35 mm) by means of mounting clip	
Mounting position		Vertical & Horizontal	
Supply from		Top/Bottom terminals	
<b>Dimensions and weight</b>			
Dimensions (HxDxW)	mm	86x70x17.8 mm	
Weight	g	160	
<b>Combination with auxiliary elements</b>			
Combinable with accessories and auxiliaries		YES, G2C series	

# S202C

## Technical features

	S202C				S202TC	
	S202C T	S202C L	S202C	S202C M	S202TC	
<b>Standards</b>	IEC/EN 60898-1					
<b>Electrical features</b>						
Number of poles	2P	2P	2P	2P	2P	
Number of modules	1M	1M	1M	1M	1M	
Tripping Characteristic	C	B, C	B, C	B, C	B, C	
Rated current $I_n$	A	$2 \leq I_n \leq 40$	$2 \leq I_n \leq 40$	$2 \leq I_n \leq 32$	$2 \leq I_n \leq 32$	
Rated voltage $U_e$	V	400/415	400/415	400/415	230/240	
Insulation voltage $U_i$	V	500 V AC	500 V AC	500 V AC	500 V AC	
Overvoltage category	III	III	III	III	III	
Pollution degree	2	2	2	2	2	
Rated frequency	Hz	50/60	50/60	50/60	50/60	
Min operating voltage	V	12	12	12	12	
Max operating voltage	V	440	440	440	264	
Rated breaking capacity acc. to IEC/EN 60898-1	$I_{cn}$	A	3000	4500	6000	10000
"Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)"	ultimate $I_{cu}$	kA	3	6	10	10
	service $I_{cs}$	kA	3	4.5	6	7.5
Rated breaking capacity $I_{cn1}$ acc. to IEC/EN 60898-1	$I_{cn1}$	A	3000	4500	6000	6000
"Rated breaking capacity acc. to IEC/EN 60947-2 in DC (only referring to short circuit test, poles connected in series, tc 4ms)"	ultimate $I_{cu}$	kA	3 kA @ 110 VDC	4.5 kA @ 110 VDC	6 kA @ 110 VDC	-
						6 kA @ 110 VDC
Rated impulse withstand voltage (1.2/50) $U_{imp}$	kV	4 kV	4 kV	4 kV	4 kV	
Dielectric test voltage at ind. freq. for 1 min.	kV	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	
Thermomagnetic release - characteristic	B: $3 I_n \leq I_m \leq 5 I_n$		■	■	■	■
	C: $5 I_n \leq I_m \leq 10 I_n$		■	■	■	■
Energy limiting class	3					
<b>Mechanical features</b>						
Housing	Insulation group I, RAL 7035					
Toggle	Insulation group II, Black RAL 9005, sealable in ON-OFF positions					
Electrical life	operations	10000				
Mechanical life	operations	20000				
Protection degree acc. to EN 60529	housing	IP40				
	terminals	IP20				
Shock resistance acc. to IEC/EN 60068-2-27	40 g (x,y,z) - 18 shocks - 5 ms half sinusoidal					
Vibration resistance acc. to IEC/EN 60068-2-6	0.35 mm or 5 g - 20 cycles at 5...150...5 Hz					
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH	28 cycles with 55 °C/90-96 % and 25 °C/95-100 %				
Reference temperature for setting of thermal element	°C	30				
Ambient temperature (with daily average $\leq +35$ °C)	°C	-25...+55				
Storage temperature	°C	-40...+70				
<b>Installation</b>						
Terminal type	top / bottom	Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)				
Terminal size for cables	top / bottom	mm <sup>2</sup>	10 flexible / 16 rigid top & bottom			
Terminal size for busbars	top / bottom	mm <sup>2</sup>	10/10			
Tightening torque	top / bottom	Nm	3			
Stripping length of the cable		mm	12			
Mounting	on DIN rail EN 60715 (35 mm) by means of mounting clip					
Mounting position	Vertical & Horizontal					
Supply from	Top/Bottom terminals					
<b>Dimensions and weight</b>						
Dimensions (H×D×W)	mm	86×70×17.8 mm				
Weight	g	160				
<b>Combination with auxiliary elements</b>						
Combinable with accessories and auxiliaries	YES, G2C series					

# S203C

## Technical features

		S203C		
		S203C T	S203C L	S203C
<b>Standards</b>		IEC/EN 60898-1		
<b>Electrical features</b>				
Number of poles		3P	3P	3P
Number of modules		2M	2M	2M
Tripping Characteristic		C	B, C	B, C
Rated current $I_n$	A	$2 \leq I_n \leq 32$	$2 \leq I_n \leq 32$	$2 \leq I_n \leq 32$
Rated voltage $U_e$	V	400/415	400/415	400/415
Insulation voltage $U_i$	V	500 V AC	500 V AC	500 V AC
Overvoltage category		III	III	III
Pollution degree		2	2	2
Rated frequency	Hz	50/60	50/60	50/60
Min operating voltage	V	12	12	12
Max operating voltage	V	440	440	440
Rated breaking capacity acc. to IEC/EN 60898-1	$I_{cn}$	A	3000	4500
"Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)"	ultimate $I_{cu}$	kA	3	6
	service $I_{cs}$	kA	3	4.5
Rated breaking capacity $I_{cn1}$ acc. to IEC/EN 60898-1	$I_{cn1}$	A	3000	4500
"Rated breaking capacity acc. to IEC/EN 60947-2 in DC (only referring to short circuit test, poles connected in series, $t_c$ 4ms)"	ultimate $I_{cu}$	kA	NA	NA
Rated impulse withstand voltage (1.2/50) $U_{imp}$	kV	4 kV	4 kV	4 kV
Dielectric test voltage at ind. freq. for 1 min.	kV	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)
Thermomagnetic release - characteristic	B: $3 I_n \leq I_m \leq 5 I_n$		■	■
	C: $5 I_n \leq I_m \leq 10 I_n$	■	■	■
Energy limiting class		3		
<b>Mechanical features</b>				
Housing		Insulation group I, RAL 7035		
Toggle		Insulation group II, Black RAL 9005, sealable in ON-OFF positions		
Electrical life	operations	10000		
Mechanical life	operations	20000		
Protection degree acc. to EN 60529	housing	IP40		
	terminals	IP20		
Shock resistance acc. to IEC/EN 60068-2-27		40 g (x,y,z) - 18 shocks - 5 ms half sinusoidal		
Vibration resistance acc. to IEC/EN 60068-2-6		0.35 mm or 5 g - 20 cycles at 5...150...5 Hz		
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH	28 cycles with 55 °C/90-96 % and 25 °C/95-100 %		
Reference temperature for setting of thermal element	°C	30		
Ambient temperature (with daily average $\leq +35$ °C)	°C	-25...+55		
Storage temperature	°C	-40...+70		
<b>Installation</b>				
Terminal type	top / bottom	Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)		
Terminal size for cables	top / bottom	mm <sup>2</sup>	10 flexible / 16 rigid top & bottom	
Terminal size for busbars	top / bottom	mm <sup>2</sup>	10/10	
Tightening torque	top / bottom	Nm	3	
Stripping length of the cable		mm	12	
Mounting		on DIN rail EN 60715 (35 mm) by means of mounting clip		
Mounting position		Vertical & Horizontal		
Supply from		Top/Bottom terminals		
<b>Dimensions and weight</b>				
Dimensions (HxDxW)	mm	86x70x35.6 mm		
Weight	g	320		
<b>Combination with auxiliary elements</b>				
Combinable with accessories and auxiliaries		YES, G2C series		

# S204C

## Technical features

		S204C		
		S204C T	S204C L	S204C
Standards		IEC/EN 60898-1		
<b>Electrical features</b>				
Number of poles		4P	4P	4P
Number of modules		2M	2M	2M
Tripping Characteristic		C	B, C	B, C
Rated current $I_n$	A	$2 \leq I_n \leq 32$	$2 \leq I_n \leq 32$	$2 \leq I_n \leq 32$
Rated voltage $U_e$	V	400/415	400/415	400/415
Insulation voltage $U_i$	V	500 V AC	500 V AC	500 V AC
Overvoltage category		III	III	III
Pollution degree		2	2	2
Rated frequency	Hz	50/60	50/60	50/60
Min operating voltage	V	12	12	12
Max operating voltage	V	440	440	440
Rated breaking capacity acc. to IEC/EN 60898-1	$I_{cn}$	A	3000	4500
"Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)"	ultimate $I_{cu}$	kA	3	6
	service $I_{cs}$	kA	3	4.5
Rated breaking capacity $I_{cn1}$ acc. to IEC/EN 60898-1	$I_{cn1}$	A	3000	4500
"Rated breaking capacity acc. to IEC/EN 60947-2 in DC (only referring to short circuit test, poles connected in series, tc 4ms)"	ultimate $I_{cu}$	kA	3kA @ 220 VDC	4.5kA @ 220 VDC
				6kA @ 220 VDC
Rated impulse withstand voltage (1.2/50) $U_{imp}$	kV	4 kV	4 kV	4 kV
Dielectric test voltage at ind. freq. for 1 min.	kV	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)
Thermomagnetic release - characteristic	B: $3 I_n \leq I_m \leq 5 I_n$		■	■
	C: $5 I_n \leq I_m \leq 10 I_n$	■	■	■
Energy limiting class				3
<b>Mechanical features</b>				
Housing			Insulation group I, RAL 7035	
Toggle			Insulation group II, Black RAL 9005, sealable in ON-OFF positions	
Electrical life	operations		10000	
Mechanical life	operations		20000	
Protection degree acc. to EN 60529	housing		IP40	
	terminals		IP20	
Shock resistance acc. to IEC/EN 60068-2-27			40 g (x,y,z) - 18 shocks - 5 ms half sinusoidal	
Vibration resistance acc. to IEC/EN 60068-2-6			0.35 mm or 5 g - 20 cycles at 5...150...5 Hz	
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH		28 cycles with 55 °C/90-96 % and 25 °C/95-100 %	
Reference temperature for setting of thermal element	°C		30	
Ambient temperature (with daily average $\leq +35$ °C)	°C		-25...+55	
Storage temperature	°C		-40...+70	
<b>Installation</b>				
Terminal type	top / bottom		Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)	
Terminal size for cables	top / bottom	mm <sup>2</sup>	10 flexible / 16 rigid top & bottom	
Terminal size for busbars	top / bottom	mm <sup>2</sup>	10/10	
Tightening torque	top / bottom	Nm	3	
Stripping length of the cable		mm	12	
Mounting			on DIN rail EN 60715 (35 mm) by means of mounting clip	
Mounting position			Vertical & Horizontal	
Supply from			Top/Bottom terminals	
<b>Dimensions and weight</b>				
Dimensions (HxDxW)	mm		86x70x35.6 mm	
Weight	g		320	
<b>Combination with auxiliary elements</b>				
Combinable with accessories and auxiliaries			YES, G2C series	

## S200C Compact MCBs

### Ordering data



#### S2011C: 1P+1P in 1M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current $I_n$ A	EAN	Order details		Weight 1 piece kg	Pack unit pc.	
					Type code	Order code			
1+1	6kA	B	2	4053546044485	S2011C-B2	2CDS251281R0025	0.160	12	
			4	4053546044508	S2011C-B4	2CDS251281R0045	0.160	12	
			6	4053546044522	S2011C-B6	2CDS251281R0065	0.160	12	
			10	4053546044546	S2011C-B10	2CDS251281R0105	0.160	12	
			13	4053546044560	S2011C-B13	2CDS251281R0135	0.160	12	
			16	4053546044584	S2011C-B16	2CDS251281R0165	0.160	12	
			20	4053546044607	S2011C-B20	2CDS251281R0205	0.160	12	
			C	2	4053546044478	S2011C-C2	2CDS251281R0024	0.160	12
				4	4053546044492	S2011C-C4	2CDS251281R0044	0.160	12
				6	4053546044515	S2011C-C6	2CDS251281R0064	0.160	12
		10		4053546044539	S2011C-C10	2CDS251281R0104	0.160	12	
		13		4053546044553	S2011C-C13	2CDS251281R0134	0.160	12	
		16		4053546044577	S2011C-C16	2CDS251281R0164	0.160	12	
		20		4053546044591	S2011C-C20	2CDS251281R0204	0.160	12	



## S200C Compact MCBs

### Ordering data



#### S202C: 2P in 1M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I <sub>n</sub> A	EAN	Order details		Weight 1 piece kg	Pack unit pc.			
					Type code	Order code					
2	3 kA	C	2	4053546042122	S202CT-C2	2CDS232280R0024	0.160	12			
			4	4053546043730	S202CT-C4	2CDS232280R0044	0.160	12			
			6	4053546043747	S202CT-C6	2CDS232280R0064	0.160	12			
			10	4053546043754	S202CT-C10	2CDS232280R0104	0.160	12			
			16	4053546043761	S202CT-C16	2CDS232280R0164	0.160	12			
			20	4053546043778	S202CT-C20	2CDS232280R0204	0.160	12			
			25	4053546043785	S202CT-C25	2CDS232280R0254	0.160	12			
			32	4053546043792	S202CT-C32	2CDS232280R0324	0.160	12			
			40	4053546043808	S202CT-C40	2CDS232280R0404	0.160	12			
			2	4.5 kA	B	2	4053546043983	S202CL-B2	2CDS242280R0025	0.160	12
						4	4053546044003	S202CL-B4	2CDS242280R0045	0.160	12
						6	4053546044027	S202CL-B6	2CDS242280R0065	0.160	12
						10	4053546044041	S202CL-B10	2CDS242280R0105	0.160	12
						16	4053546044065	S202CL-B16	2CDS242280R0165	0.160	12
20	4053546044089	S202CL-B20				2CDS242280R0205	0.160	12			
25	4053546044102	S202CL-B25				2CDS242280R0255	0.160	12			
32	4053546044126	S202CL-B32				2CDS242280R0325	0.160	12			
C	40	4053546044140			S202CL-B40	2CDS242280R0405	0.160	12			
	2	4053546043976			S202CL-C2	2CDS242280R0024	0.160	12			
	4	4053546043990			S202CL-C4	2CDS242280R0044	0.160	12			
	6	4053546044010			S202CL-C6	2CDS242280R0064	0.160	12			
	10	4053546044034			S202CL-C10	2CDS242280R0104	0.160	12			
	16	4053546044058			S202CL-C16	2CDS242280R0164	0.160	12			
2	6 kA	B	20	4053546044072	S202CL-C20	2CDS242280R0204	0.160	12			
			25	4053546044096	S202CL-C25	2CDS242280R0254	0.160	12			
			32	4053546044119	S202CL-C32	2CDS242280R0324	0.160	12			
			40	4053546044133	S202CL-C40	2CDS242280R0404	0.160	12			
			C	2	4053546044621	S202C-B2	2CDS252280R0025	0.160	12		
				4	4053546044645	S202C-B4	2CDS252280R0045	0.160	12		
				6	4053546044669	S202C-B6	2CDS252280R0065	0.160	12		
				10	4053546044683	S202C-B10	2CDS252280R0105	0.160	12		
				13	4053546044706	S202C-B13	2CDS252280R0135	0.160	12		
				16	4053546044737	S202C-B16	2CDS252280R0165	0.160	12		
				20	4053546044751	S202C-B20	2CDS252280R0205	0.160	12		
				25	4053546044775	S202C-B25	2CDS252280R0255	0.160	12		
				32	4053546044799	S202C-B32	2CDS252280R0325	0.160	12		
				40	4053546044812	S202C-B40	2CDS252280R0405	0.160	12		
C	2	4053546044614	S202C-C2	2CDS252280R0024	0.160	12					
	4	4053546044638	S202C-C4	2CDS252280R0044	0.160	12					
	6	4053546044652	S202C-C6	2CDS252280R0064	0.160	12					
	10	4053546044676	S202C-C10	2CDS252280R0104	0.160	12					
	13	4053546044690	S202C-C13	2CDS252280R0134	0.160	12					
	15	4053546044713	S202C-C15	2CDS252280R0154	0.160	12					
	16	4053546044720	S202C-C16	2CDS252280R0164	0.160	12					
	20	4053546044744	S202C-C20	2CDS252280R0204	0.160	12					
	25	4053546044768	S202C-C25	2CDS252280R0254	0.160	12					
	32	4053546044782	S202C-C32	2CDS252280R0324	0.160	12					
	40	4053546044805	S202C-C40	2CDS252280R0404	0.160	12					

## S200C Compact MCBs

### Ordering data



#### S202C: 2P in 1M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I <sub>n</sub> A	EAN	Order details		Weight 1 piece kg	Pack unit pc.	
					Type code	Order code			
2	10 kA	B	2	4053546039481	S202CM-B2	2CDS272280R0025	0.160	12	
			4	4053546039498	S202CM-B4	2CDS272280R0045	0.160	12	
			6	4053546039504	S202CM-B6	2CDS272280R0065	0.160	12	
			10	4053546039511	S202CM-B10	2CDS272280R0105	0.160	12	
			13	4053546039528	S202CM-B13	2CDS272280R0135	0.160	12	
			16	4053546039535	S202CM-B16	2CDS272280R0165	0.160	12	
			20	4053546039542	S202CM-B20	2CDS272280R0205	0.160	12	
			25	4053546039559	S202CM-B25	2CDS272280R0255	0.160	12	
			32	4053546039566	S202CM-B32	2CDS272280R0325	0.160	12	
			C	2	4053546039221	S202CM-C2	2CDS272280R0024	0.160	12
				4	4053546039405	S202CM-C4	2CDS272280R0044	0.160	12
				6	4053546039412	S202CM-C6	2CDS272280R0064	0.160	12
				10	4053546039429	S202CM-C10	2CDS272280R0104	0.160	12
		13		4053546039436	S202CM-C13	2CDS272280R0134	0.160	12	
		15		4053546045321	S202CM-C15	2CDS272280R0154	0.160	12	
		16		4053546039443	S202CM-C16	2CDS272280R0164	0.160	12	
		20		4053546039450	S202CM-C20	2CDS272280R0204	0.160	12	
		25		4053546039467	S202CM-C25	2CDS272280R0254	0.160	12	
		32		4053546039474	S202CM-C32	2CDS272280R0324	0.160	12	

## S200C Compact MCBs

### Ordering data



#### S202TC: 2P in 1M for traction

Function: protection and control of the circuits against overloads and short-circuits

Applications: traction

Standard: IEC/EN 60898-1

Plastic material acc. to UL94 and IEC/EN 60695-11: V0

Classification according to EN 45545-1:2013 and EN 45545-2:2013+A1:2015: R26/HL3

Shocks and vibrations according to standard IEC/ EN 61373: Category 1, class B

N. poles	Breaking capacity	Tripping Char.	Rated Current I <sub>n</sub> A	EAN	Order details		Weight 1 piece kg	Pack unit pc.
					Type code	Order code		
2	6 kA	B	2	4053546044836	S202TC-B2	2CDS252282R0025	0.160	12
			4	4053546044850	S202TC-B4	2CDS252282R0045	0.160	12
			6	4053546044874	S202TC-B6	2CDS252282R0065	0.160	12
			10	4053546044898	S202TC-B10	2CDS252282R0105	0.160	12
			16	4053546044911	S202TC-B16	2CDS252282R0165	0.160	12
			20	4053546044935	S202TC-B20	2CDS252282R0205	0.160	12
			25	4053546044959	S202TC-B25	2CDS252282R0255	0.160	12
			32	4053546044973	S202TC-B32	2CDS252282R0325	0.160	12
			6 kA	C	2	4053546044829	S202TC-C2	2CDS252282R0024
	4	4053546044843	S202TC-C4		2CDS252282R0044	0.160	12	
	6	4053546044867	S202TC-C6		2CDS252282R0064	0.160	12	
	10	4053546044881	S202TC-C10		2CDS252282R0104	0.160	12	
	16	4053546044904	S202TC-C16		2CDS252282R0164	0.160	12	
	20	4053546044928	S202TC-C20		2CDS252282R0204	0.160	12	
	25	4053546044942	S202TC-C25		2CDS252282R0254	0.160	12	
	32	4053546044966	S202TC-C32		2CDS252282R0324	0.160	12	

## S200C Compact MCBS

### Ordering data



#### S203C: 3P in 2M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial, industrial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I <sub>n</sub> A	EAN	Order details		Weight 1 piece kg	Pack unit pc.		
					Type code	Order code				
3	3 kA	C	2	4053546043815	S203CT-C2	2CDS233280R0024	0.320	6		
			4	4053546043822	S203CT-C4	2CDS233280R0044	0.320	6		
			6	4053546043839	S203CT-C6	2CDS233280R0064	0.320	6		
			10	4053546043846	S203CT-C10	2CDS233280R0104	0.320	6		
			16	4053546043853	S203CT-C16	2CDS233280R0164	0.320	6		
			20	4053546043860	S203CT-C20	2CDS233280R0204	0.320	6		
			25	4053546043877	S203CT-C25	2CDS233280R0254	0.320	6		
				32	4053546043884	S203CT-C32	2CDS233280R0324	0.320	6	
	3	4.5 kA	B	2	4053546044164	S203CL-B2	2CDS243280R0025	0.320	6	
				4	4053546044188	S203CL-B4	2CDS243280R0045	0.320	6	
				6	4053546044201	S203CL-B6	2CDS243280R0065	0.320	6	
				10	4053546044225	S203CL-B10	2CDS243280R0105	0.320	6	
				16	4053546044249	S203CL-B16	2CDS243280R0165	0.320	6	
				20	4053546044263	S203CL-B20	2CDS243280R0205	0.320	6	
25				4053546044287	S203CL-B25	2CDS243280R0255	0.320	6		
					32	4053546044300	S203CL-B32	2CDS243280R0325	0.320	6
				C	2	4053546044157	S203CL-C2	2CDS243280R0024	0.320	6
					4	4053546044171	S203CL-C4	2CDS243280R0044	0.320	6
					6	4053546044195	S203CL-C6	2CDS243280R0064	0.320	6
					10	4053546044218	S203CL-C10	2CDS243280R0104	0.320	6
					16	4053546044232	S203CL-C16	2CDS243280R0164	0.320	6
					20	4053546044256	S203CL-C20	2CDS243280R0204	0.320	6
		25	4053546044270		S203CL-C25	2CDS243280R0254	0.320	6		
			32	4053546044294	S203CL-C32	2CDS243280R0324	0.320	6		
3	6 kA	B	2	4053546045017	S203C-B2	2CDS253280R0025	0.320	6		
			4	4053546045031	S203C-B4	2CDS253280R0045	0.320	6		
			6	4053546045055	S203C-B6	2CDS253280R0065	0.320	6		
			10	4053546045079	S203C-B10	2CDS253280R0105	0.320	6		
			16	4053546045093	S203C-B16	2CDS253280R0165	0.320	6		
			20	4053546045116	S203C-B20	2CDS253280R0205	0.320	6		
			25	4053546045130	S203C-B25	2CDS253280R0255	0.320	6		
					32	4053546045154	S203C-B32	2CDS253280R0325	0.320	6
				C	2	4053546045000	S203C-C2	2CDS253280R0024	0.320	6
					4	4053546045024	S203C-C4	2CDS253280R0044	0.320	6
					6	4053546045048	S203C-C6	2CDS253280R0064	0.320	6
					10	4053546045062	S203C-C10	2CDS253280R0104	0.320	6
					16	4053546045086	S203C-C16	2CDS253280R0164	0.320	6
					20	4053546045109	S203C-C20	2CDS253280R0204	0.320	6
		25	4053546045123		S203C-C25	2CDS253280R0254	0.320	6		
			32	4053546045147	S203C-C32	2CDS253280R0324	0.320	6		

## S200C Compact MCBs

### Ordering data



#### S204C: 4P in 2M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial, industrial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I <sub>n</sub> A	EAN	Order details		Weight 1 piece kg	Pack unit pc.			
					Type code	Order code					
4	3 kA	C	2	4,05355E+12	S204CT-C2	2CDS234280R0024	0.320	6			
			4	4053546043907	S204CT-C4	2CDS234280R0044	0.320	6			
			6	4053546043914	S204CT-C6	2CDS234280R0064	0.320	6			
			10	4053546043921	S204CT-C10	2CDS234280R0104	0.320	6			
			16	4053546043938	S204CT-C16	2CDS234280R0164	0.320	6			
			20	4053546043945	S204CT-C20	2CDS234280R0204	0.320	6			
			25	4053546043952	S204CT-C25	2CDS234280R0254	0.320	6			
			32	4053546043969	S204CT-C32	2CDS234280R0324	0.320	6			
			4	4.5 kA	B	2	4053546044324	S204CL-B2	2CDS244280R0025	0.320	6
						4	4053546044348	S204CL-B4	2CDS244280R0045	0.320	6
						6	4053546044362	S204CL-B6	2CDS244280R0065	0.320	6
						10	4053546044386	S204CL-B10	2CDS244280R0105	0.320	6
16	4053546044409	S204CL-B16				2CDS244280R0165	0.320	6			
20	4053546044423	S204CL-B20				2CDS244280R0205	0.320	6			
C	25	4053546044447			S204CL-B25	2CDS244280R0255	0.320	6			
	32	4053546044461			S204CL-B32	2CDS244280R0325	0.320	6			
	2	4053546044317			S204CL-C2	2CDS244280R0024	0.320	6			
	4	4053546044331			S204CL-C4	2CDS244280R0044	0.320	6			
	6	4053546044355			S204CL-C6	2CDS244280R0064	0.320	6			
	10	4053546044379			S204CL-C10	2CDS244280R0104	0.320	6			
4	6 kA	B	16	4053546044393	S204CL-C16	2CDS244280R0164	0.320	6			
			20	4053546044416	S204CL-C20	2CDS244280R0204	0.320	6			
			25	4053546044430	S204CL-C25	2CDS244280R0254	0.320	6			
			32	4053546044454	S204CL-C32	2CDS244280R0324	0.320	6			
			2	4053546045178	S204C-B2	2CDS254280R0025	0.320	6			
			4	4053546045192	S204C-B4	2CDS254280R0045	0.320	6			
		C	6	4053546045215	S204C-B6	2CDS254280R0065	0.320	6			
			10	4053546045239	S204C-B10	2CDS254280R0105	0.320	6			
			16	4053546045253	S204C-B16	2CDS254280R0165	0.320	6			
			20	4053546045277	S204C-B20	2CDS254280R0205	0.320	6			
			25	4053546045291	S204C-B25	2CDS254280R0255	0.320	6			
			32	4053546045314	S204C-B32	2CDS254280R0325	0.320	6			
C	2	4053546045161	S204C-C2	2CDS254280R0024	0.320	6					
	4	4053546045185	S204C-C4	2CDS254280R0044	0.320	6					
	6	4053546045208	S204C-C6	2CDS254280R0064	0.320	6					
	10	4053546045222	S204C-C10	2CDS254280R0104	0.320	6					
	16	4053546045246	S204C-C16	2CDS254280R0164	0.320	6					
	20	4053546045260	S204C-C20	2CDS254280R0204	0.320	6					
	25	4053546045284	S204C-C25	2CDS254280R0254	0.320	6					
	32	4053546045307	S204C-C32	2CDS254280R0324	0.320	6					

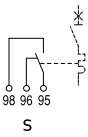
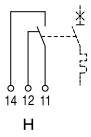
## S200C Compact MCBs

### Accessories



G2C

G2C-S



#### G2C: Auxiliary and signal contact

##### Auxiliary (H):

Provides the status of the protection device, OPEN/CLOSED.

##### Auxiliary or signal (S/H):

This device can act as an auxiliary contact (function H) or as a signal contact (function S).

The user can change the function at the moment of installation.

Used as signal contact (function S) it provides the information about the automatic tripping of the protection devices: overload or short-circuit for MCBs, earth leakage tripping for RCDs.

- Test button on the front to simulate the function (acting as a function H or S)
- Reset button for the contacts (function S)
- Tripping signal on the front (function S)
- Version with golden contacts, available for low current as well as low voltage applications.

#### Mounting:

on the left or right, up to 4 G2C units (On S203C accepted only on the left)

#### Performances

Product standard	IEC/EN 62019
Change-over contacts	1
Rated current $I_n$ (A)	5
Rated voltage AC $U_n$ (V)	240
Minimum application voltage	24 V AC/DC; 12 V AC/DC for version with golden contacts
Minimum application current	10 mA AC; 200 mA DC -- 2 mA AC; 25 mA DC for version with golden contacts
Electrical endurance (operations)	10000
Terminal capacity flexible/rigid cable (mm <sup>2</sup> )	0.75...2.5 / 1...2.5
Terminal capacity for two rigid cables (mm <sup>2</sup> )	2 × 1.5
Dimension [D×W×H] (mm)	69 × 8.7 × 92
Net weight (g)	70
Tightening torque (Nm)	0.5

#### Ordering code

Type	EAN	Order details		Weight 1 piece kg	Pack unit pc.
		Type code	Order code		
Auxiliary (H)	4053546046427	G2C-H6 L+R	2CDS200931R0001	0.07	1
Auxiliary or signal (S/H)	4053546046434	G2C-S/H6 L+R	2CDS200932R0001	0.07	1
Auxiliary or signal golden contact (S/H G)	4053546046441	G2C-S/H6 L+R KL	2CDS200932R0011	0.07	1

## S200C Compact MCBs

### Busbars

#### Busbars available for the connection with S200C series

##### Busbars

No. of Modules	Phases	mm <sup>2</sup>	EAN	Order details		Weight 1 piece kg	Pack unit pc.
				Type code	Order code		
13	1	10	4053546046830	BB-SU 1/13/10 GRAU	2CDL801141R1013	0.044	15
13	1	10	4053546046847	BB-S 1/13/10 BLAU	2CDL801145R1013	0.044	15
18	2	10	4053546046755	BB-SU 2/36/10	2CDL802141R1018	0.112	20
55	2	10	4053546046816	BB-SU 2/110/10	2CDL802141R1055	0.336	20
12	3	10	4053546046762	BB-SU 3/24/10	2CDL803141R1024	0.125	15
55	3	10	4053546046779	BB-SU 3/110/10	2CDL803141R1111	0.579	15
55	4	10	4053546046809	BB-SU 4/110/10 N	2CDL804142R1110	0.752	10
55	4	10	4053546046786	BB-SU 4/110/10 Kit*	2CDL804141R1055	0.64	5

\*incl. 4 end caps and 4 connection clamps

##### End Caps

mm <sup>2</sup>	EAN	Order details		Weight 1 piece kg	Pack unit pc.
		Type code	Order code		
10/16	4053546046717	BB-END 2.1	2CDL800001R0021	0.001	10
16	4053546046731	BB-END 3.2	2CDL800001R0030	0.001	10
10/16	4053546046823	BB-END 4.1	2CDL800001R0040	0.001	10

##### Feeder Terminal

mm <sup>2</sup>	EAN	Order details		Weight 1 piece kg	Pack unit pc.
		Type code	Order code		
25	4053546046748	BB-FS 25/27 Q	2CDL800001R2527	0.015	30

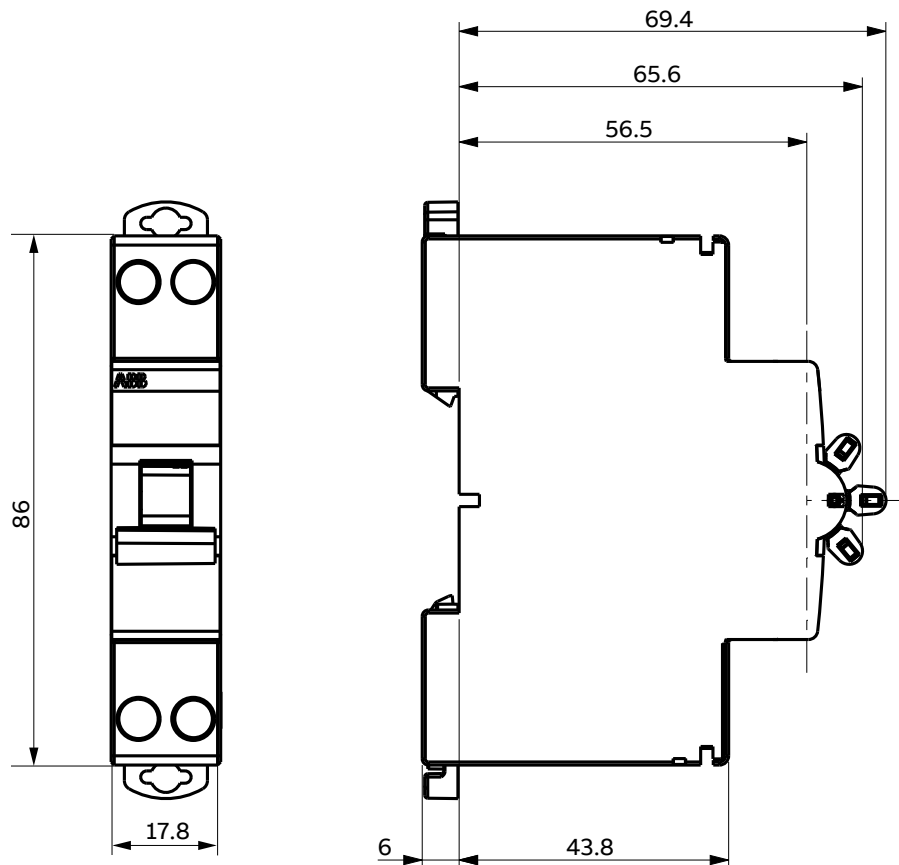
---

## S200C Compact MCBs

### Drawings

---

S201C and S202C





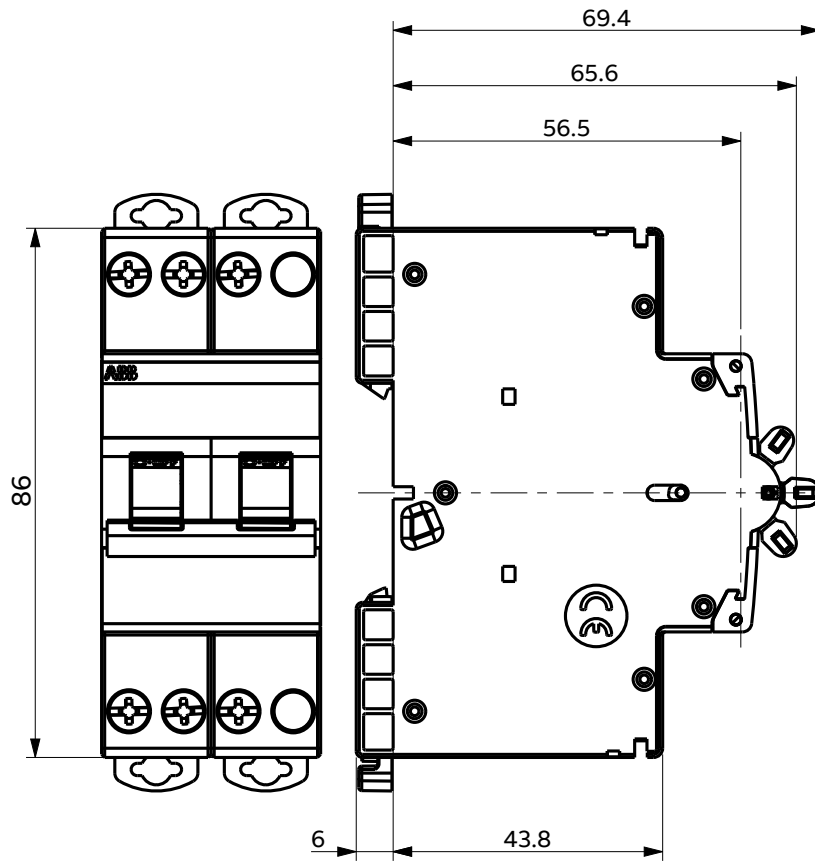
---

## S200C Compact MCBs

Drawings

---

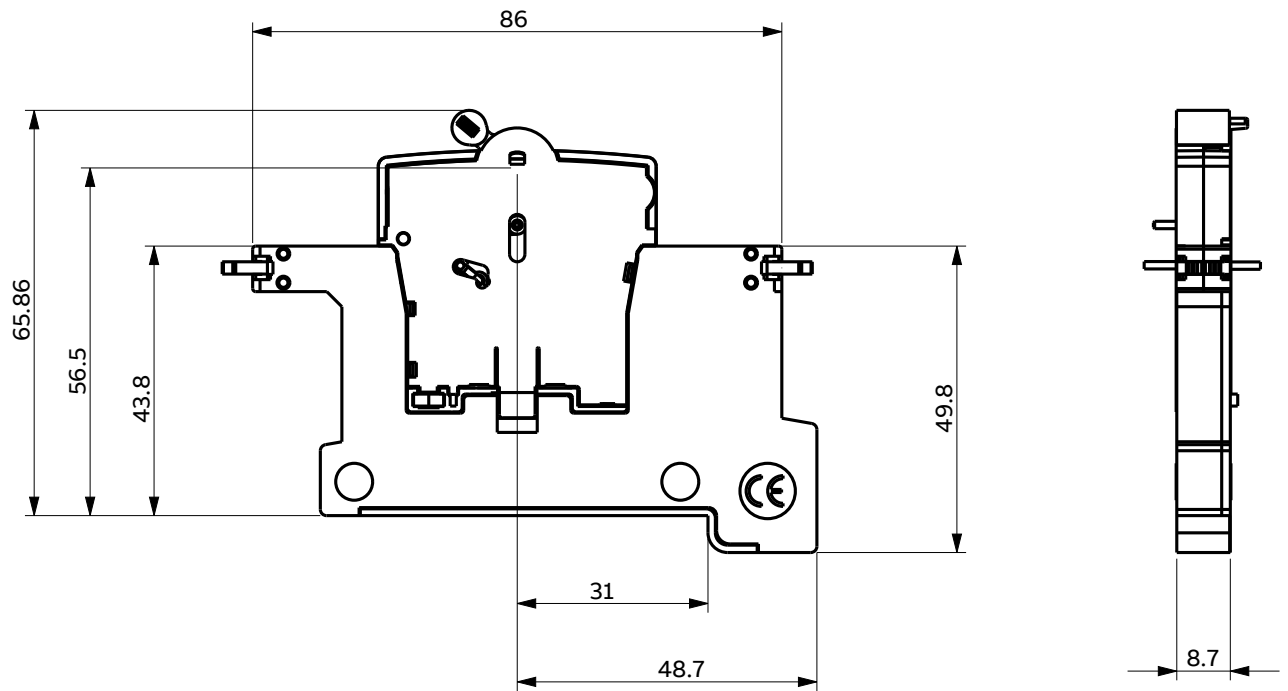
S203C and S204C



## S200C Compact MCBs

### Drawings

#### Auxiliary contact



## S200C Compact MCBs

### Additional technical features

#### Power loss

$I_n$ (A)	1P+1P (W)	2P (W)	3P (W)	4P (W)
2	2.2	2.2	3.3	4.4
4	2.7	2.7	4.0	5.4
6	3.0	3.0	4.6	6.1
10	3.3	3.3	4.9	6.6
13	3.8	3.8	NA	NA
15	NA	3.9	NA	NA
16	4.2	4.2	6.3	8.4
20	5.0	5.0	7.6	10.1
25	NA	6.2	9.3	12.4
32	NA	7.6	11.4	15.2
40	NA	8.9	NA	NA

#### Influent of adjacent devices

Number of devices	K
2 or 3	0.9
4 or 5	0.8
6 to 9	0.7
> 10	0.6



—

**ABB Ltd.**

Electrification Business

Smart Buildings Business Line

Energy Distribution

**[abb.com/lowvoltage](http://abb.com/lowvoltage)**

**Additional information**

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB.