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



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

Guaranteed security
Indication of the contacts status with I-0N/0-FF indication in green/red on the toggle

Dedicated space for label
Dedicated space to insert labels in order to cleary identify the protected lines

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

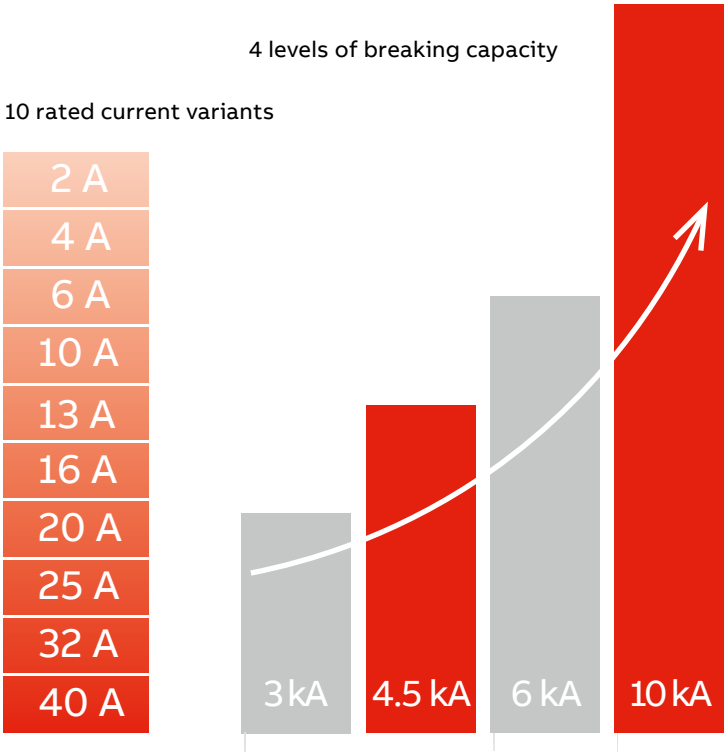


4P
2 modules



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**



S2011C
Technical features

			S2011C
Standards			IEC/EN 60898-1
Electrical features			
Number of poles			1P+1P
Number od modules			1M
Tripping Characteristic			B, C
Rated current I_n		A	$2 \le I_n \le 20$
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 Icn1 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: $3\ I_n \le I_m \le 5$ In		■
	C: $5\ I_n \le I_m \le 10\ I_n$		■
Energy limiting class			3
Mechanical features			
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 ≤ +35 °C)		°C	-25…+55
Storage temperature		°C	-40…+70
Installation			
Terminal type	top / bottom		Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)
Terminal size for cables	top / bottom	mm^2	10 flexible /16 rigid top & bottom
Terminal size for busbars	top / bottom	mm^2	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
Dimensions and weight			
Dimensions (H×D×W)		mm	86×70×17.8 mm
Weight		g	160
Combinationwithauxiliary elements			
Combinable with accessories and auxiliaries			YES, G2C series

S202C
Technical features

			S202C				S202TC
			S202C T	**S202C L**	**S202C**	**S202C M**	**S202TC**
Standards			IEC/EN 60898-1				
Electrical features							
Number of poles			2P	2P	2P	2P	2P
Number od modules			1M	1M	1M	1M	1M
Tripping Characteristic			C	B, C	B, C	B, C	B, C
Rated current I_n		A	$2 \le I_n \le 40$	$2 \le I_n \le 40$	$2 \le I_n \le 40$	$2 \le I_n \le 32$	$2 \le I_n \le 32$
Rated voltage U_e		V	400/415	400/415	400/415	230/240	400/415
Insulation voltage U_i		V	500 V AC	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	50/60
Min operating voltage		V	12	12	12	12	12
Max operating voltage		V	440	440	440	264	440
Rated breaking capacity acc. to IEC/EN 60898-1	I_{cn}	A	3000	4500	6000	10000	6000
“Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)”	ultimate I_{cu}	kA	3	6	10	10	6
	service I_{cs}	kA	3	4.5	6	7.5	6
Rated breaking capacity Icn1 acc. to IEC/EN 60898-1	I_{cn1}	A	3000	4500	6000	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	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.)	2.5 kV (50 / 60Hz, 1 min.)
Thermomagnetic release - characteristic	B: $3\ I_n \le I_m \le 5\ In$			■	■	■	■
	C: $5\ I_n \le I_m \le 10\ I_n$		■	■	■	■	■
Energy limiting class			3				
Mechanical features							
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 ≤ +35 °C)		°C	-25...+55				
Storage temperature		°C	-40...+70				
Installation							
Terminal type	top / bottom		Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)				
Terminal size for cables	top / bottom	mm^2	10 flexible /16 rigid top & bottom				
Terminal size for busbars	top / bottom	mm^2	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				
Dimensions and weight							
Dimensions (H×D×W)		mm	86×70×17.8 mm				
Weight		g	160				
Combinationwithauxiliary elements							
Combinable with accessories and auxiliaries			YES, G2C series				

S203C
Technical features

			S203C		
			S203C T	**S203C L**	**S203C**
Standards				IEC/EN 60898-1	
Electrical features					
Number of poles			3P	3P	3P
Number od modules			2M	2M	2M
Tripping Characteristic			C	B, C	B, C
Rated current I_n		A	$2 \le I_n \le 32$	$2 \le I_n \le 32$	$2 \le I_n \le 32$
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	6000
“Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)”	ultimate I_{cu}	kA	3	6	6
	service I_{cs}	kA	3	4.5	6
Rated breaking capacity Icn1 acc. to IEC/EN 60898-1	I_{cn1}	A	3000	4500	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	NA	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: $3\ I_n \le I_m \le 5\ In$			■	■
	C: $5\ I_n \le I_m \le 10\ I_n$		■	■	■
Energy limiting class				3	
Mechanical features					
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 ≤ +35 °C)		°C		-25…+55	
Storage temperature		°C		-40…+70	
Installation					
Terminal type	top / bottom			Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)	
Terminal size for cables	top / bottom	mm^2		10 flexible /16 rigid top & bottom	
Terminal size for busbars	top / bottom	mm^2		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	
Dimensions and weight					
Dimensions (H×D×W)		mm		86×70×35.6 mm	
Weight		g		320	
Combinationwithauxiliary elements					
Combinable with accessories and auxiliaries				YES, G2C series	

S204C
Technical features

			S204C		
			S204C T	**S204C L**	**S204C**
Standards			IEC/EN 60898-1		
Electrical features					
Number of poles			4P	4P	4P
Number od modules			2M	2M	2M
Tripping Characteristic			C	B, C	B, C
Rated current I_n		A	$2 \le I_n \le 32$	$2 \le I_n \le 32$	$2 \le I_n \le 32$
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	6000
“Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)”	ultimate I_{cu}	kA	3	6	6
	service I_{cs}	kA	3	4.5	6
Rated breaking capacity Icn1 acc. to IEC/EN 60898-1	I_{cn1}	A	3000	4500	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: $3\ I_n \le I_m \le 5\ In$			■	■
	C: $5\ I_n \le I_m \le 10\ I_n$		■	■	■
Energy limiting class			3		
Mechanical features					
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 ≤ +35 °C)		°C	-25…+55		
Storage temperature		°C	-40…+70		
Installation					
Terminal type	top / bottom		Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)		
Terminal size for cables	top / bottom	mm^2	10 flexible /16 rigid top & bottom		
Terminal size for busbars	top / bottom	mm^2	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		
Dimensions and weight					
Dimensions (H×D×W)		mm	86×70×35.6 mm		
Weight		g	320		
Combinationwithauxiliary elements					
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_n A	EAN	Order details Type code	Order details Order code	Weight 1 piece kg	Pack unit pc.
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
			40	4053546044140	S202CL-B40	2CDS242280R0405	0.160	12
		C	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
			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
2	6 kA	B	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_n A	EAN	Order details Type code	Order details Order code	Weight 1 piece kg	Pack unit pc.
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_n 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	0.160	12
			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_n A	EAN	Order details Type code	Order details Order code	Weight 1 piece kg	Pack unit pc.
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

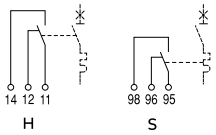


S204C: 4P in 2M
Function: protection and control of the circuits against overloads and short-circuits
Applications: residential, commercial, industrial
Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I_n A	EAN	Order details Type code	Order details Order code	Weight 1 piece kg	Pack unit pc.
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
			25	4053546044447	S204CL-B25	2CDS244280R0255	0.320	6
			32	4053546044461	S204CL-B32	2CDS244280R0325	0.320	6
		C	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
			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
4	6 kA	B	2	4053546045178	S204C-B2	2CDS254280R0025	0.320	6
			4	4053546045192	S204C-B4	2CDS254280R0045	0.320	6
			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: 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^2)	0.75...2.5 / 1...2.5
Terminal capacity for two rigid cables (mm^2)	2 × 1.5
Dimension [D×W×H] (mm)	69 × 8.7 × 92
Net weight (g)	70
Tightening torque (Nm)	0.5

Ordering code

		Order details		Weight	Pack
		Type code	Order code	1 piece	unit
Type	EAN			kg	pc.
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 sereis

Busbars

No.of Modules	Phases	mm²	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

mm²	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

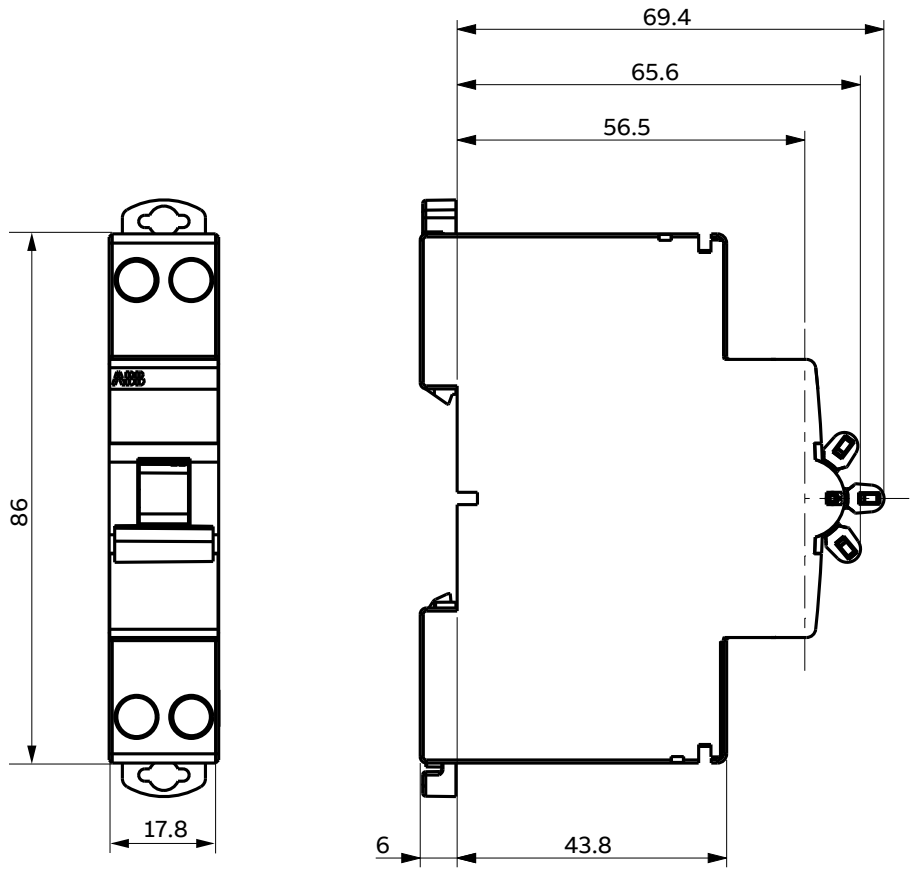
Feeder Terminal

mm²	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

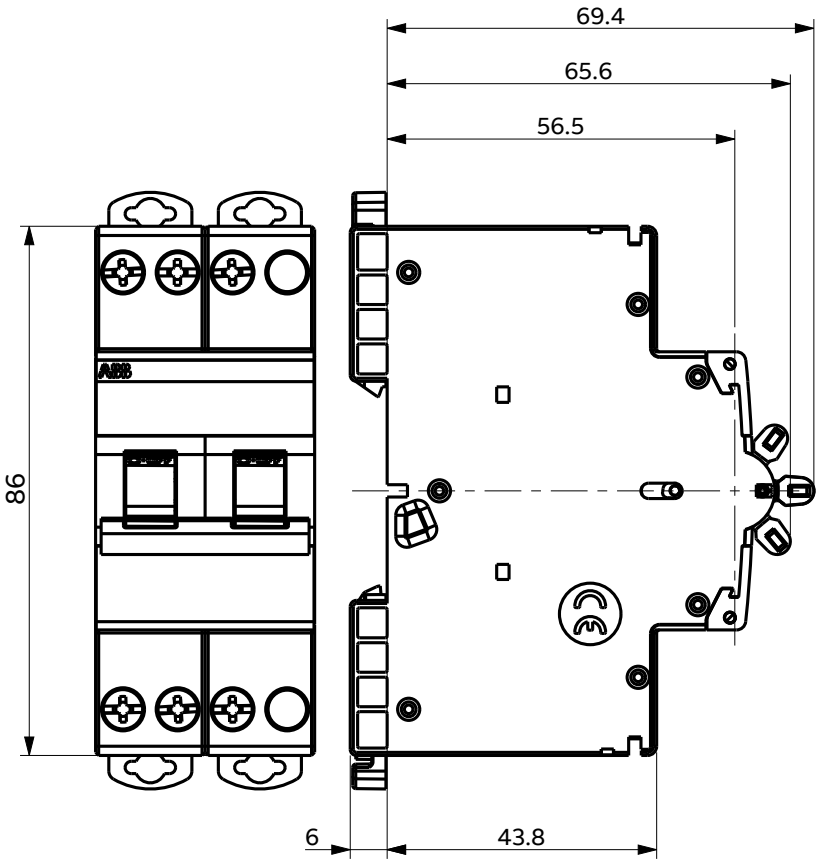
Drawings

S201C and S202C



S200C Compact MCBs
Drawings

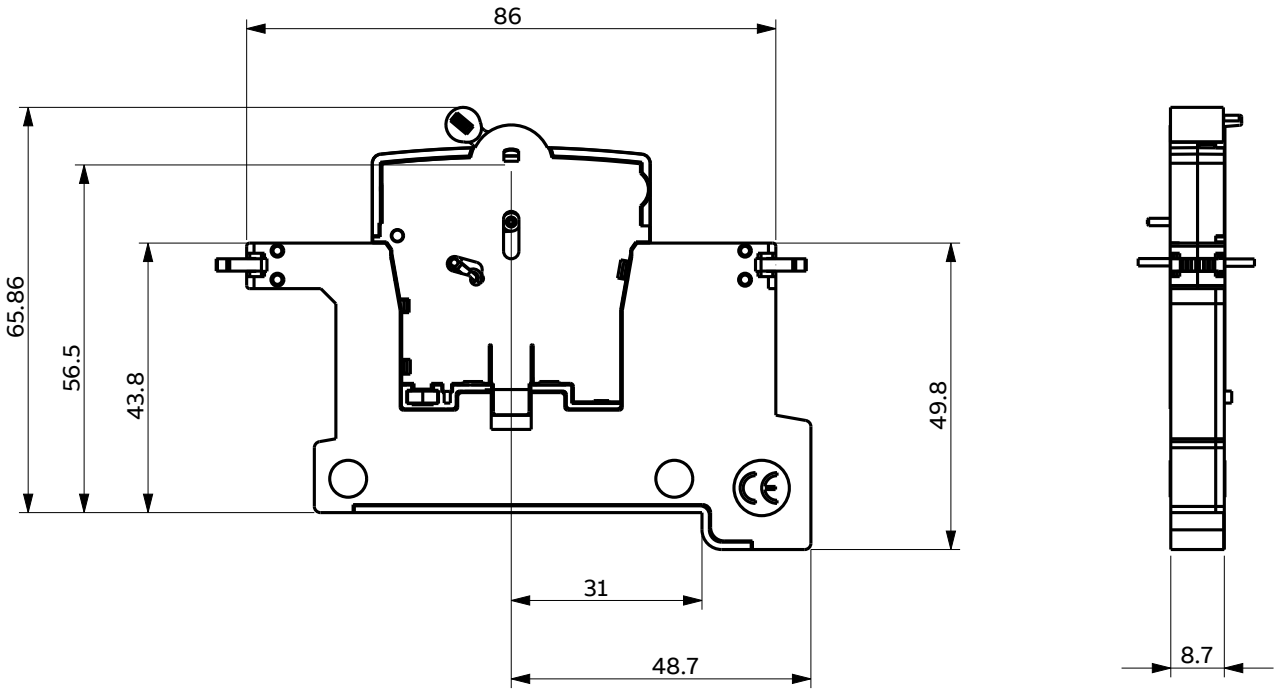
S203C and S204C



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

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