

System **pro M compact**® Technical features

Auxiliary elements and accessories for MCBs S 200 and RCDs F 200 and DS 200 series

Auxiliary contact and signal/auxiliary contact			S2C-H6R, S2C-H11L, S2C-H20, S2c-H02 and S2C-S/H6R		
Rated current	A		10		
Min. rated voltage UBmin	AC	V	24		
	DC	V	24		
Min. rated operational current/voltage			10 mA at 12 V; 5 mA at 24 V		
Short-circuit withstand capacity	V		230 a.c. 100A with S201 K4		
Overvoltage category			III		
Surge voltage (1.2/50 ms)	kV		4		
Connection cross section	mm ²		0.75...2.5 (up to 2 x 1.5 mm ² for S2C-H11L, S2C-H20L and S2C-H02L)		
Tightening torque	Nm		1.2 (max. 0.8 for S2C-H11L, S2C-H20L and S2C-H02L)		
Contact stability in vibration test according to DIN IEC 68-2-6			5g, 20 sweep cycles 5...150...5 Hz at 24 V AC/DC, 5 mA automatic reclosing < 10 ms		
Mechanical service life			10000 operations		
Dimensions (H x D x W)	mm		85 x 69 x 8.8		

Bottom-fitting auxiliary contact			S 2C-H10 and S 2C-H01		
Contact complement			1NO (1 make contact), 1NC (1 normally closed contact), leading make contact, late closing		
Contact load			AC14 2 A/230 V - DC 12 identical DC13/DC13 1 A /50 V, 2 A/30 V		
Min. rated voltage	V		12 AC/DC at 0.1 VA		
Short-circuit withstand capacity			230 VAC 1000 A, fault protection with S 201-K2 or Z2		
Electrical serviceable life			> 4000 switchover cycles		
Standard			VDE 0106 Part 101		
Connection cross-section	mm ²		0.75 to 2.5		
Tightening torque	N*m		0.5		

Signal auxiliary contact for F 200 125A and F 200 B			F2 125A-S/H		
Rated current	AC	A	6		
	DC	A	1		
Min. rated voltage Ub min	AC	V	230		
	DC	V	110		
Connection cross section	mm ²		1...1.5		
Tightening torque	Nm		0.8		
Dimensions (H x D x W)	mm		85 x 69 x 8.8		

Shunt trip for S 200 MCBs			S 2C-A1						S 2C-A2				
Rated voltage	AC	V	12...60						110...415				
	DC	V	12...60						110...250				
Max release duration	ms		<10						<10				
Min. release voltage	AC	V	7						55				
	DC	V	10						80				
Consumption on release	Ub	V	12 DC	12 AC	24 DC	24 AC	60 DC	60 AC	110 DC	110 AC	220 DC	230 AC	415 AC
	Ib max	A	2.2	2.5	4.5	5	14	8.8	0.35	0.5	1.1	1.0	2.7
Coil resistance	Ω		3.7						225				
Terminals	mm ²		16						16				
Tightening torque	Nm		2.5						2.5				
Dimensions (H x D x W)	mm		85 x 69 x 17.5						85 x 69 x 17.5				

Shunt trip for F 200 RCCBs			F 2C-A1				F 2C-A2			
Rated voltage	AC	V	12...60				110...415			
	DC	V	12...60				110...250			
Max release duration	ms		10				10			
Min. release voltage	AC	V	6				75			
	DC	V	4.5				55			
Consumption on release	Ub	V	12 DC	12 AC	60 DC	60 AC	110 DC	110 AC	250 DC	415 AC
	Ib max	VA	10.6	7.8	348	306	5.5	3.8	25	66.4
Coil resistance	Ω		5.5				150			
Terminals	mm ²		2x1.5				2x1.5			
Tightening torque	Nm		0.2				0.2			
Dimensions (H x D x W)	mm		85 x 69 x 17.5				85 x 69 x 17.5			

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System pro M compact®

Selection tables Auxiliary elements for MCBs S 200 S 200, F 200 and and RCDs F 200 and DS 200 series DS 200 series

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Signal/auxiliary contacts

Function S2C-S/H6R: choice through a selector between indication of the position of the device's contacts and signalling of the fault (overcurrent/short-circuit for MCBs and RCBOs; earth fault for RCBOs and RCBOs). Suitable for MCBs S 200 series, RCCBs F 200 series, RCBOs DS 200 series.
Function S2C-H6R: indication of the position of the device's contacts. Suitable for MCBs S200 series. To be mounted on the left side of the MCBs thanks to the special pin. They are not suitable to be mounted together with RCD-block DDA200.

Description	Order details		Bbn 4016779	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
	Type code	Order code					
Signal contact/ auxiliary switch	S 2C-S/H6R	2CDS200922R0001	563819			0.04	1
Auxiliary contact	S2C-H6R	2CDS200912R0001	56826			0.04	1

Auxiliary contacts

Description	Order details		Bbn 4016779	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
	Type code	Order code					
Auxiliary contact 1 NO/1NC	S2C-H11L	2CDS200936R0001	648820			0.04	1
Auxiliary contact 2 NO	S2C-H20L	2CDS200936R0002	648837			0.04	1
Auxiliary contact 2 NC	S2C-H02L	2CDS200936R0003	648844			0.04	1

Bottom-fitting auxiliary contacts for S 200, S 200 M, S 200 P

1 NC	S 2C-H01	2CDS 200 970 R0001	64551 5			0.01	1
1 NO	S 2C-H10	2CDS 200 970 R0002	64552 2			0.01	1

packing unit 15 parts

1 NC	S 2C-H01 15x	2CDS 200 970 R0011	64677 2			0.01	15
1 NO	S 2C-H10 15x	2CDS 200 970 R0012	64681 9			0.01	15

Signal/auxiliary contact for F 200 125A and F 200 B

Function: choice through a selector between indication of the position of the device's contacts and signalling of the earth fault. Suitable for RCCBs F 200 125A and F 200 B series

Description	Order details		Bbn 4014712	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
	Type code	Order code					
Signal/auxiliary contact	F2 125A-S/H	2CSS200922R0001	076983			0.04	1

Shunt trips

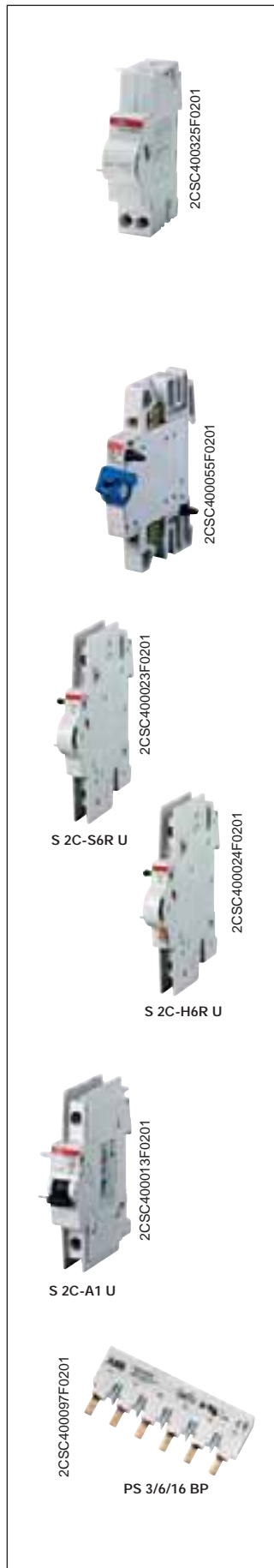
Function: remote opening of the device when a voltage is applied. Suitable for MCBs S 200 series and RCBOs DS 200 series.

Rated voltage	Order details		Bbn 8012542	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
	Type code	Order code					
AC/DC 12...60 V	S 2C-A1	2CDS200909R0001	570992			0.15	1
AC 110...415 V/ DC110...250 V	S 2C-A2	2CDS200909R0002	571005			0.15	1

Function: remote opening of the device when a voltage is applied. Suitable for RCCBs F 200 series.

AC/DC 12...60V	F2C-A1	2CSS200933R0011	974901			0.15	1
AC 110...415V / DC 110...250V	F2C-A2	2CSS200933R0012	975007			0.15	1





Undervoltage releases

Function: protection of the load in the event of a voltage drop (between 70% and 35% of its rated value); positive safety (device's tripping when the voltage is disconnected) emergency stop by means of a button. Suitable for MCBs S 200 series, RCBOs DS 200 series.

Rated voltage	Order details		Bbn	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
	Type code	Order code	8012542 EAN				
12VDC	S2C-UA 12 DC	2CSS200911R0001	839705			0.09	1
24VAC	S2C-UA 24 AC	2CSS200911R0002	839804			0.09	1
24VDC	S2C-UA 24 DC	2CSS200911R0007	896401			0.09	1
48VAC	S2C-UA 48 AC	2CSS200911R0003	839903			0.09	1
48VDC	S2C-UA 48 DC	2CSS200911R0008	896500			0.09	1
110VAC	S2C-UA 110 AC	2CSS200911R0004	840008			0.09	1
110VDC	S2C-UA 110 DC	2CSS200911R0009	896609			0.09	1
230VAC	S2C-UA 230 AC	2CSS200911R0005	840107			0.09	1
230VDC	S2C-UA 230 DC	2CSS200911R0010	896708			0.09	1
400VAC	S2C-UA 400 AC	2CSS200911R0006	840206			0.09	1

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Hand operated neutral

The hand operated neutral has to be mounted to the left side of the MCB and be snapped on the DIN rail. It is used for measuring duties where the neutral conductor must be in the open position. Due to the special design of the handle - when switching ON the MCB - the neutral will make before the MCB is closed. The S2C - Nt is not to switch with a tool (screw driver).

Description	Order details		Bbn	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
	Type code	Order code	4016779 EAN				
Max 40A	S2C-Nt	2CDS200918R0001	647625			0.06	1

Accessories for S 200 U and S 200 UP acc. UL 489 and CSA-22.2 No. 5

Auxiliary contact (switch)

only for range U and UP	S 2C-H6R U	2CDS 200 914 R0001	61561 7			0.035	1
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Signal contact (bell alarm)

only for range U and UP	S 2C-S6R U	2CDS 200 924 R0001	64677 2			0.035	1
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Shunt trip only for range U and UP

12 - 60 V AC/DC	S 2C-A1 U	2CDS 200 908 R0001	64472 3			0.15	1
110-415 V AC, 110-250V DC	S 2C-A2 U	2CDS 200 908 R0002	64473 0			0.15	1

Conn. capacity mm ²	Lenght mm	No. of poles	Order details		Bbn	CuNo 1 piece	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
			Type code	Order code	4016779 EAN					

UL-approved busbar blocks (not to be cut)

1 pole busbars, spacing 17.5 mm, UL 489

16	6	1	PS 1/6/16 BP	2CDL 210 489 R1606	64496 9	0.035			0.058	1
16	12	1	PS 1/12/16 BP	2CDL 210 489 R1612	64497 6	0.070			0.108	1
16	18	1	PS 1/18/16 BP	2CDL 210 489 R1618	64498 3	0.105			0.163	1

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