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RCDs assure a protection to people and installations against fault current to earth. They are divided into three families:

- **RCCBs**, which are sensitive only to earth fault current (therefore they have to be connected in series with a MCB or a fuse to protect them against overcurrents and short-circuits)
- **RCD-blocks**, which are devices to be assembled on a MCB with lower or equal rated current to provide protection against both earth-fault currents and overload or short-circuits
- **RCBOs**, which combines in a single device protection against both earth-fault currents and overloads or short-circuits.

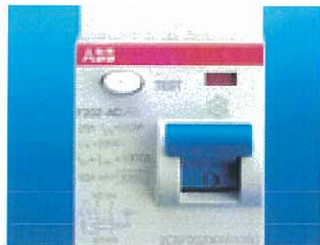
New RCDs System pro *M* compact range presents a wide offer for all the three families, respectively **F 200**, **DDA 200** and **DS 200** series.

A large offer for standard instantaneous and selective AC and A types is completed with some configurations for special applications, like AP-R type against perturbations or AE type for emergency stop.

All sizes up to 63 A with all the sensitivity thresholds up to 1 A are offered in all the possible pole configurations.

The new F200 PV B is specifically designed for differential protect against earth-fault currents in photovoltaic installation.

ABB RCDs obtained a lot of marks and approvals and offer the same "plus" advantages of the other System pro *M* compact devices.



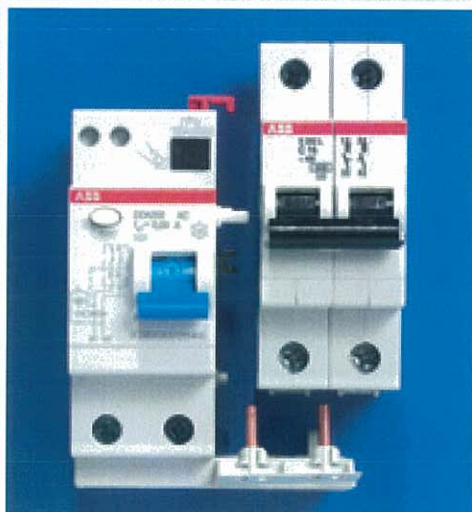
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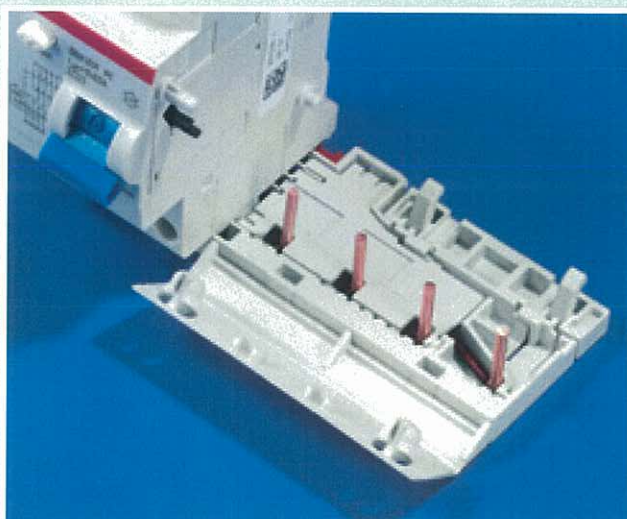
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2CSC400181F0201



2CSC400180F0201



2CSC400253F0201



2CSC400252F0201



Residual current devices F 200, DDA 200, FS 201 and DS 200 series

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TECHNICAL FEATURES

	Standards		
Electrical features	Type (wave form of the earth leakage sensed)		
	Poles		
	Rated current I _n		A
	Rated sensitivity I _{Δn}		A
	Rated voltage U _e	IEC	V
		UL/CSA	V
	Insulation voltage U _i		V
	Max. operating voltage of circuit test	IEC	V
		UL/CSA	V
	Min. operating voltage of circuit test		V
	Rated frequency		Hz
	Rated conditional short-circuit current I _{nc} =I _{Δc}	SCPD - fuse gL 100 A	kA
	Rated residual breaking capacity I _{Δm} =I _m		kA
	Rated impulse withstand voltage (1.2/50) U _{imp}		kV
	Dielectric test voltage at ind. freq. for 1 min.		kV
	Overvoltage category		
	Surge current resistance (wave 8/20)		A
Mechanical features	Toggle		
	Contact position indicator (CPI)		
	Electrical life		
	Mechanical life		
	Protection degree	housing	
		terminals	
	Tropicalization	humid heat	°C/RH
	acc. to IEC/EN 60068-2	constant climatic conditions	°C/RH
		variable climatic conditions	°C/RH
	Ambient temperature (with daily average ≤ +35 °C)	IEC	°C
Installation		UL/CSA	°C
	Storage temperature		°C
	Terminal type		
	Terminal size top/bottom for cable	IEC	mm ²
		UL/CSA	AWG
	Terminal size top/bottom for busbar	IEC	mm ²
		UL/CSA	AWG
	Tightening torque	IEC	N*m
		UL/CSA	in-lbs.
	Tool		
Dimensions and weight	Mounting		
	Connection		
	Withdrawal from busbar		
	Dimensions (H x D x W)	2P	mm
Combination with auxiliary elements		4P	mm
	Weight	2P	g
		4P	g
	Combinable with:	auxiliary contact	
		signal contact/auxiliary switch	
		shunt trip	
		undervoltage release	

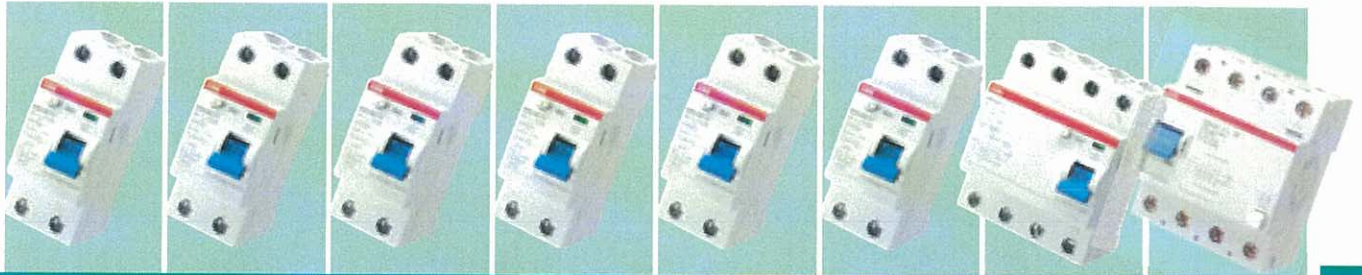
① Ground-fault sensing and relaying equipment-component (up to 63 A)

② prior to connection of aluminium conductors (≥ 4 mm²) ensure that their contact points are cleaned, brushed and coated with grease

System Technical features

pro M compact® RCCBs F 200 series

F 200

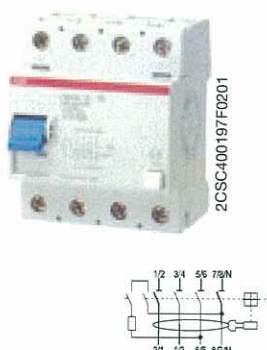
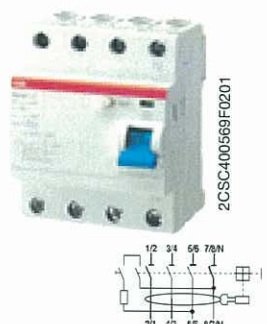


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F200 AC	F200 A	F200 AC AP-R	F200 A AP-R	F200 AC S	F200 A S	F200 A 400 Hz	F200 B
IEC/EN 61008, UL 1053 ①						IEC/EN 61008	IEC/EN 61008, IEC 62423
AC	A	AC	A	AC	A	A	B
2P, 4P (for 125 A only 4P)		2P, 4P (for 125 A only 4P)		2P, 4P (for 125 A only 4P)		4P	4P
16, 25, 40, 63, 80, 100, 125	25, 40, 63	25, 40, 63, 80, 100, 125	25, 40, 63, 80, 100, 125	40, 63	40, 63, 80, 100, 125	25, 40	40, 63, 125
0.01-0.03-0.1-0.3-0.5	0.03		0.1-0.3-0.5-1		0.03		0.03-0.3-0.5
230/400 - 240/415							
480Y/277 (up to 63 A)						-	
500							
254 (440 for 125 A); 440 for F 200 left neutral						254	440
277 (up to 63 A); 480 for F 200 left neutral						-	-
110 (185 for 125 A); 195 for F 200 left neutral						110	185
50...60						50...400	50...60
10 (for 125 A fuse is gL 125 A)							
1 (1.25 for 125 A)							
6						5	
2.5							
III, disconnector abilities							
250	3000		5000		250	3000 (5000 for selective type)	
blue sealable in ON-OFF position							
yes						no	
10000 (2000 for 125 A)						10000	2000
20000 (5000 for 125 A)						20000	5000
IP4X							
IP2X							
28 cycles with 55/95...100							
23/83 - 40/93 - 55/20							
25/95 - 40/95							
-25...+55 (-25...+40 for 125 A)						-25...+55	-25...+40
-35...+70 (up to 63 A)						-	-
-40...+70							
failsafe bi-directional cylinder-lift terminal at top and bottom (shock protected) (cage for In > 63 A) ②							
25/25 (35/35 single slot terminal for In > 63 A)						25/25	25/25 (35/35 single slot terminal for In > 63 A)
18-4 (up to 63 A)						-	-
10/10 (not for In = 80-100 A)						10/10	-
18-8 (up to 63 A)						-	-
2.8 (3 for In = 125 A)						2.8	3
25 (up to 63 A)						-	-
Nr. 2 Pozidriv							
on DIN rail EN 60715 (35 mm) by means of fast clip device							
from top and bottom							
it is possible without using any tools only from the bottom (not for 125 A)							
85 x 69 x 35						-	
85 x 69 x 70 (85 x 69.5 x 72 for 125 A)						85 x 69 x 70	85 x 69.5 x 72
200						-	
350 (380 for In = 80 and 100 A and 460 for In = 125 A)						350	500
yes (no for 125 A)						yes	no
yes						yes	yes
yes (no for 125 A)						yes	no
yes (no for 125 A)						yes	no

AC

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F 200 AC type

Function: protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct (with $I_{\Delta n}=30$ mA) contacts.

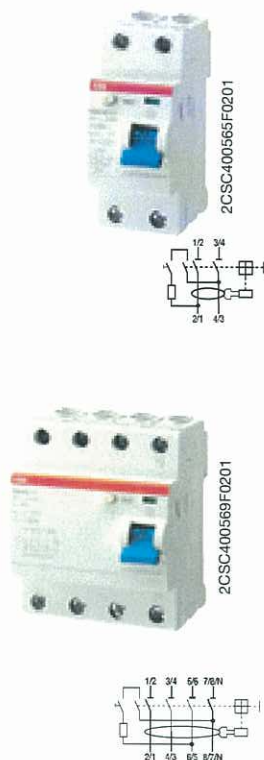
Application: residential, commercial, industrial.

Standard: IEC/EN 61008

Marking: according to EN 61008

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current In A	Order details		Bbn 8012542	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
			Type code	Order code	EAN				
2	10	16	F202 AC-16/0.01	2CSF202001R0160	779902			0.225	1/6
		30	F202 AC-25/0.03	2CSF202001R1250	780007			0.225	1/6
			F202 AC-40/0.03	2CSF202001R1400	780106			0.225	1/6
			F202 AC-63/0.03	2CSF202001R1630	780205			0.225	1/6
			F202 AC-80/0.03	2CSF202001R1800	914204			0.225	1/6
			F202 AC-100/0.03	2CSF202001R1900	914303			0.225	1/6
	100	25	F202 AC-25/0.1	2CSF202001R2250	780304			0.225	1/6
		40	F202 AC-40/0.1	2CSF202001R2400	780403			0.225	1/6
		63	F202 AC-63/0.1	2CSF202001R2630	780502			0.225	1/6
		80	F202 AC-80/0.1	2CSF202001R2800	914402			0.225	1/6
		100	F202 AC-100/0.1	2CSF202001R2900	914501			0.225	1/6
	300	25	F202 AC-25/0.3	2CSF202001R3250	780601			0.225	1/6
		40	F202 AC-40/0.3	2CSF202001R3400	780700			0.225	1/6
		63	F202 AC-63/0.3	2CSF202001R3630	780809			0.225	1/6
		80	F202 AC-80/0.3	2CSF202001R3800	914600			0.225	1/6
		100	F202 AC-100/0.3	2CSF202001R3900	914709			0.225	1/6
	500	25	F202 AC-25/0.5	2CSF202001R4250	780908			0.225	1/6
		40	F202 AC-40/0.5	2CSF202001R4400	781004			0.225	1/6
		63	F202 AC-63/0.5	2CSF202001R4630	781103			0.225	1/6
		80	F202 AC-80/0.5	2CSF202001R4800	914808			0.225	1/6
		100	F202 AC-100/0.5	2CSF202001R4900	914907			0.225	1/6
4	30	25	F204 AC-25/0.03	2CSF204001R1250	781202			0.375	1/3
		40	F204 AC-40/0.03	2CSF204001R1400	781301			0.375	1/3
		63	F204 AC-63/0.03	2CSF204001R1630	781400			0.375	1/3
		80	F204 AC-80/0.03	2CSF204001R1800	916604			0.405	1/3
		100	F204 AC-100/0.03	2CSF204001R1900	916703			0.405	1/3
		125	F204 AC-125/0.03	2CSF204001R1950	941507			0.500	1
	100	25	F204 AC-25/0.1	2CSF204001R2250	781509			0.375	1/3
		40	F204 AC-40/0.1	2CSF204001R2400	781608			0.375	1/3
		63	F204 AC-63/0.1	2CSF204001R2630	781707			0.375	1/3
		80	F204 AC-80/0.1	2CSF204001R2800	916802			0.405	1/3
		100	F204 AC-100/0.1	2CSF204001R2900	916901			0.405	1/3
		125	F204 AC-125/0.1	2CSF204001R2950	941606			0.500	1
	300	25	F204 AC-25/0.3	2CSF204001R3250	781806			0.375	1/3
		40	F204 AC-40/0.3	2CSF204001R3400	781905			0.375	1/3
		63	F204 AC-63/0.3	2CSF204001R3630	782001			0.375	1/3
		80	F204 AC-80/0.3	2CSF204001R3800	917007			0.405	1/3
		100	F204 AC-100/0.3	2CSF204001R3900	917106			0.405	1/3
		125	F204 AC-125/0.3	2CSF204001R3950	941705			0.500	1
	500	25	F204 AC-25/0.5	2CSF204001R4250	782100			0.375	1/3
		40	F204 AC-40/0.5	2CSF204001R4400	782209			0.375	1/3
		63	F204 AC-63/0.5	2CSF204001R4630	782308			0.375	1/3
		80	F204 AC-80/0.5	2CSF204001R4800	917205			0.405	1/3
		100	F204 AC-100/0.5	2CSF204001R4900	917304			0.405	1/3
		125	F204 AC-125/0.5	2CSF204001R4950	941804			0.500	1

AC



F 200 AC type (for overseas markets)

Function: protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct (with $I_{\Delta n}=30$ mA) contacts.

Application: residential, commercial, industrial.

Standard: IEC/EN 61008

Marking: according to IEC 61008

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Order details	Bbn 8012542	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
			Type code	Order code	EAN			
2	10	16	F202 AC-16/0.01	2CSF202005R0160	814603		0.225	1/6
		25	F202 AC-25/0.03	2CSF202005R1250	814702		0.225	1/6
		40	F202 AC-40/0.03	2CSF202005R1400	814801		0.225	1/6
		63	F202 AC-63/0.03	2CSF202005R1630	814900		0.225	1/6
		80	F202 AC-80/0.03	2CSF202005R1800	935902		0.225	1/6
		100	F202 AC-100/0.03	2CSF202005R1900	936008		0.225	1/6
	30	25	F202 AC-25/0.1	2CSF202005R2250	815006		0.225	1/6
		40	F202 AC-40/0.1	2CSF202005R2400	815105		0.225	1/6
		63	F202 AC-63/0.1	2CSF202005R2630	815204		0.225	1/6
		80	F202 AC-80/0.1	2CSF202005R2800	936107		0.225	1/6
		100	F202 AC-100/0.1	2CSF202005R2900	936206		0.225	1/6
	300	25	F202 AC-25/0.3	2CSF202005R3250	815303		0.225	1/6
		40	F202 AC-40/0.3	2CSF202005R3400	815402		0.225	1/6
		63	F202 AC-63/0.3	2CSF202005R3630	815501		0.225	1/6
		80	F202 AC-80/0.3	2CSF202005R3800	936305		0.225	1/6
		100	F202 AC-100/0.3	2CSF202005R3900	936404		0.225	1/6
	500	80	F202 AC-80/0.5	2CSF202005R4800	936503		0.225	1/6
		100	F202 AC-100/0.5	2CSF202005R4900	936602		0.225	1/6
4	30	25	F204 AC-25/0.03	2CSF204005R1250	817109		0.375	1/3
		40	F204 AC-40/0.03	2CSF204005R1400	817208		0.375	1/3
		63	F204 AC-63/0.03	2CSF204005R1630	817307		0.375	1/3
		80	F204 AC-80/0.03	2CSF204005R1800	936701		0.405	1/3
		100	F204 AC-100/0.03	2CSF204005R1900	936800		0.405	1/3
	100	25	F204 AC-25/0.1	2CSF204005R2250	817406		0.375	1/3
		40	F204 AC-40/0.1	2CSF204005R2400	817505		0.375	1/3
		63	F204 AC-63/0.1	2CSF204005R2630	817604		0.375	1/3
		80	F204 AC-80/0.1	2CSF204005R2800	936909		0.405	1/3
		100	F204 AC-100/0.1	2CSF204005R2900	937005		0.405	1/3
	300	25	F204 AC-25/0.3	2CSF204005R3250	817703		0.375	1/3
		40	F204 AC-40/0.3	2CSF204005R3400	817802		0.375	1/3
		63	F204 AC-63/0.3	2CSF204005R3630	817901		0.375	1/3
		80	F204 AC-80/0.3	2CSF204005R3800	937104		0.405	1/3
		100	F204 AC-100/0.3	2CSF204005R3900	937203		0.405	1/3
	500	80	F204 AC-80/0.5	2CSF204005R4800	937302		0.405	1/3
		100	F204 AC-100/0.5	2CSF204005R4900	937401		0.405	1/3

3

TECHNICAL CHARACTERISTICS

Electrical features	Standards		
	Type (wave form of the earth leakage sensed)		
	Poles		
	Rated current I_n		A
	Rated sensitivity Δn		A
	Rated voltage U_e		V
	Insulation voltage U_i		
	Max. operating voltage		V
	Min. operating voltage		V
	Rated frequency		Hz
	Rated breaking capacity acc. to IEC/EN 61009	ultimate I_{cn}	A
	Rated breaking capacity acc. to IEC/EN 60947-2 1P+N @230 VAC, 2P, 3P, 4P @400 VAC	ultimate I_{cu}	kA
		service I_{cs}	kA
	Rated residual breaking capacity $I_{\Delta m}$		kA
	Rated impulse withstand voltage (1.2/50) U_{imp}		kV
	Dielectric test voltage at ind. freq. for 1 min.		kV
	Thermomagnetic release characteristic	B: $3 I_n \leq I_m \leq 5 I_n$ C: $5 I_n \leq I_m \leq 10 I_n$	
	Surge current resistance (wave 8/20)		A
Mechanical features	Toggle		
	Electrical life		
	Mechanical life		
	Protection degree	housing terminals	
	Tropicalization acc. to IEC /EN 60068-2	humid heat	°C/RH
		constant climatic conditions	°C/RH
		variable climatic conditions	°C/RH
	Reference temperature for setting of thermal element		°C
Installation	Ambient temperature (with daily average $\leq +35$ °C)		
	Storage temperature		
	Terminal type		
		top	
		bottom	
	Terminal size top/bottom for cables	1P+N	mm ²
		line side	mm ²
Dimensions and weight		load side	mm ²
	Tightening torque top/bottom	1P+N	N*m
	Mounting		
	Dimensions (H x D x W)	1P+N	mm
Combination with auxiliary elements	Weight		
		1P+N	g
	Combinable with:		
		auxiliary contact	
		signal contact	
		shunt trip	
		undervoltage release	



DS 271 AC	DS 271 A
IEC 61009, BSEN 61009-2-2	
AC	A
1P+N	
$6 \leq I_n \leq 32$	
0.01-0.03-0.1-0.3	0.01-0.03-0.1-0.3
230-240	
500	
254	
85	
50...60	
10000	
-	
7.5	
6	
5	
2.5	
■	
■	
250	
black sealable in on-off position	
10000	
20000	
IP4X	
IP2X	
28 cycles with 55/95...100	
23/83 - 40/93 - 55/20	
25/95 - 40/95	
30	
-25...+55	
-25...+70	
cage (shock protected)	
cage (shock protected)	
-	
L1: 1 up to 25; N: flexible 4; FE: flexible 0.5	
L1 and N: 1 up to 10	
2 top; 1.2 bottom	
on DIN rail EN 60715 (35 mm) by means of fast clip device	
120 x 67.6 x 17.5	
205	
no	
no	
no	
no	

3

B



DS 271 AC type, B and C characteristics

Function: protection against overload and short-circuit currents; protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts ($I_{\Delta n}=30$ mA).

Application: residential, commercial, industrial.

Standard: IEC 61009, BSEN61009-2-2

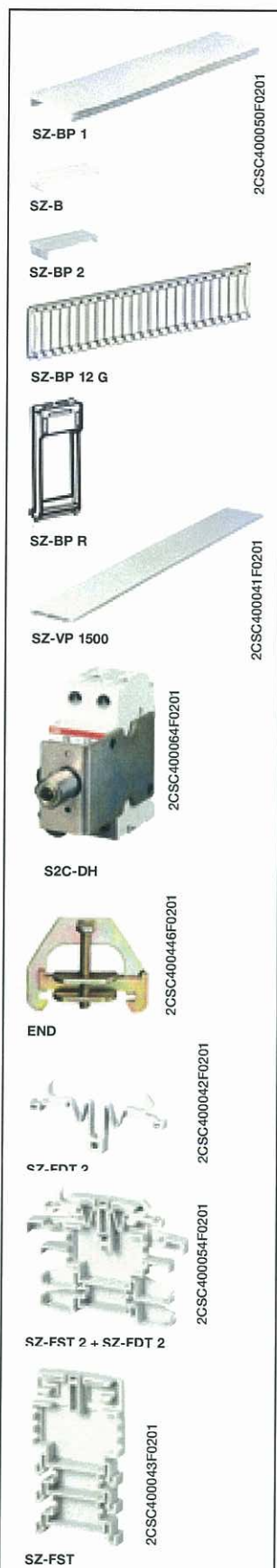
$I_{cn}=10$ kA

Characteristics/ Curve	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Order details Type code	Order code	Bbn 8012542	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
B	10	6	DS271 AC-B6/0.01 ELN	2CSR175092R0065	036753			0.205	1
		10	DS271 AC-B10/0.01 ELN	2CSR175092R0105	036852			0.205	1
		16	DS271 AC-B16/0.01 ELN	2CSR175092R0165	036951			0.205	1
		20	DS271 AC-B20/0.01 ELN	2CSR175092R0205	037057			0.205	1
		25	DS271 AC-B25/0.01 ELN	2CSR175092R0255	037156			0.205	1
		32	DS271 AC-B32/0.01 ELN	2CSR175092R0325	037255			0.205	1
	30	6	DS271 AC-B6/0.03 ELN	2CSR175092R1065	037354			0.205	1
		10	DS271 AC-B10/0.03 ELN	2CSR175092R1105	037453			0.205	1
		16	DS271 AC-B16/0.03 ELN	2CSR175092R1165	037552			0.205	1
		20	DS271 AC-B20/0.03 ELN	2CSR175092R1205	037651			0.205	1
		25	DS271 AC-B25/0.03 ELN	2CSR175092R1255	037750			0.205	1
		32	DS271 AC-B32/0.03 ELN	2CSR175092R1325	037859			0.205	1/20

C



C	10	6	DS271 AC-C6/0.01 ELN	2CSR175092R0064	038559			0.205	1
		10	DS271 AC-C10/0.01 ELN	2CSR175092R0104	038658			0.205	1
		16	DS271 AC-C16/0.01 ELN	2CSR175092R0164	038757			0.205	1/20
		20	DS271 AC-C20/0.01 ELN	2CSR175092R0204	038856			0.205	1
		25	DS271 AC-C25/0.01 ELN	2CSR175092R0254	038955			0.205	1
		32	DS271 AC-C32/0.01 ELN	2CSR175092R0324	039051			0.205	1/20
	30	6	DS271 AC-C6/0.03 ELN	2CSR175092R1064	039150			0.205	1
		10	DS271 AC-C10/0.03 ELN	2CSR175092R1104	039259			0.205	1
		16	DS271 AC-C16/0.03 ELN	2CSR175092R1164	039358			0.205	1
		20	DS271 AC-C20/0.03 ELN	2CSR175092R1204	039457			0.205	1
		25	DS271 AC-C25/0.03 ELN	2CSR175092R1254	039556			0.205	1
		32	DS271 AC-C32/0.03 ELN	2CSR175092R1324	039655			0.205	1
	100	6	DS271 AC-C6/0.1 ELN	2CSR175092R2064	039754			0.205	1
		10	DS271 AC-C10/0.1 ELN	2CSR175092R2104	039853			0.205	1/20
		16	DS271 AC-C16/0.1 ELN	2CSR175092R2164	039952			0.205	1/20
		20	DS271 AC-C20/0.1 ELN	2CSR175092R2204	040057			0.205	1/20
		25	DS271 AC-C25/0.1 ELN	2CSR175092R2254	040156			0.205	1
		32	DS271 AC-C32/0.1 ELN	2CSR175092R2324	040255			0.205	1
	300	6	DS271 AC-C6/0.3 ELN	2CSR175092R3064	040354			0.205	1
		10	DS271 AC-C10/0.3 ELN	2CSR175092R3104	040453			0.205	1
		16	DS271 AC-C16/0.3 ELN	2CSR175092R3164	040552			0.205	1
		20	DS271 AC-C20/0.3 ELN	2CSR175092R3204	040651			0.205	1
		25	DS271 AC-C25/0.3 ELN	2CSR175092R3254	040750			0.205	1
		32	DS271 AC-C32/0.3 ELN	2CSR175092R3324	040859			0.205	1



Height of cutout/color mm	Width mm	Order details Type code	Order code	Bbn 4012233 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
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Blanking plates

For device covers with materials of a thickness of 1 to 3 mm, width: 1 module = 17.5 mm; color: grey RAL 7035, white RAL 9001

46/grey	213	SZ-BP 1	GH L530 1904 R0001	06050 4			0.028	100
46/white	17.5	SZ-BP	GH S270 1913 R0001	12857 4 ①			0.005	
46/grey	17.5	SZ-BP 2	GH S270 1913 R0002	12861 1 ①			0.005	
46/grey	220	SZ-BP 12 G	2CDL 000 001 R1220	65227 8 ①			0.022	50
46/white	220	SZ-BP 12 W	2CDL 000 001 R2220	66355 7 ②			0.020	50

Description	Order details Type code	Order code	Bbn 4012233 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
Locking devices for SZ-BP 12 G	SZ-BP R	2CDL 000 001 R1001	652285 ①			0.001	30

Sealing plate

Seal-proof locking of stamped-out device covers.

Detachable only from the inside of the device cover.

Can be used for device covers with 1.5 to 3 mm material thickness.

Height of cutout/color mm	Width mm	Order details Type code	Order code	Bbn 4012233 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
46/grey	1500	SZ-VP 1500	GJ I995 9038 R0001	60290 2			0.366	10

Rotary operating mechanism

(for operation of MCBs in closet distribution boards)

Suitable for S 2 classic and S 200 compact series to be combined with selection types handles OH_2_ and consistent extended shafts OXS 5X_.

S2C-DH	GH S200 1901 R0003	57960 5 ①	0.01	25
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End bracket

Prevents lateral shifting of built-in devices mounted on DIN rails according to DIN EN 60 715, 35 x 7.5 mm.

END	GJ I100 1814 R0001	59090 2	0.02	50
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Filling piece

e.g. for heat dissipation of closely mounted devices that generate much heat. Width 8.75 mm, as spacer, two different heights, breakable, for DIN rails according to DIN EN 60 715, 35 x 7.5 mm.

8.75	SZ-FST 2	GH L530 1908 R0002	06070 2	0.01	25
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Spring piece

Holder for device covers, various heights available (in connection with FST 2 filling piece)

SZ-FDT 2	GH L530 1908 R0005	06080 1	0.002	25
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Filling piece

Two different heights, breakable, for DIN rails according to DIN EN 60 715, 35 x 7.5 mm for MCBs S 220 (3 different heights)

8.75	SZ-FST	GH I148 0003 R0001	59410 8	0.01	25
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① bbn-Nr. 4016779



SZ-ES 68/83

2CSC40047F0201



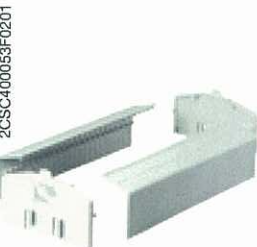
SA 1

2CSC400453F0201



SA 2

2CSC400454F0201



KA 27 H + KA 27 S

2CSC400053F0201



PCD 2 N



PCD 4 N

2CSC400435F0201



PCD 8 N

2CSC400437F0201

Description	Order details	Bbn	Price	Price	Weight	Pack
	Type code	Order code	1 piece	group	1 piece	unit
					kg	pc.

Elevation piece

Compensates for different size of built-in devices with a mounting height of 68 mm and power MCBs of series S 500 (83 mm)

SZ-ES 68/83	GH V021 1425 R0001	53390 9	0.003	100
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Locking device for MCBs and switches

Prevents unauthorised or dangerous operation of the operating lever. An adaptor makes it possible to block the operating lever whether switched ON or OFF. The lever is blocked with a padlock having a cross bar section of 3 or, as the case may be, 6 mm max. For multipole devices, one lock may be fitted per pole.

The lock adaptor can be used for all MCBs of the S 220, S 280 series as well as for switches E 220 and 270.

locking devices	3 mm	SA 1	GJ F110 1903 R0001	58760 5	0.004	10
for padlock bar	6 mm	SA 1E	GJ F110 1903 R0004	58790 2	0.004	10
padlock with 2 keys		SA 2	GJ F110 1903 R0002	58770 4	0.02	10
padlock, identical						
locking with 2 keys		SA 2 i	GJ F110 9999 R0001	96940 1	0.02	10
lock adaptor incl. padlock						
with 3 keys						
in transparent box		SA 3	GJ F110 1903 R0003	58780 3	0.05	10

Terminal cover KA 27

Provides overall touch protection of live parts. Suitable for installations acc. to DIN EN 50274 (DIN VDE 0660 Part 514) and BGV A2.

End parts can be snapped onto mounting rails EN 60 715, 35 mm. Covers are 486 mm = 27 modules (18 mm each) long. Knockouts for each half module for individualised use.

cover, 1 piece	KA 27 H	GH S210 1933 R0001	13630 8	0.104	10
end part, 1 piece	KA 27 S	GH S210 1934 R0001	13640 7	0.027	10

Terminal covers with base plate, protection IP 40

Material: high-impact and flame-retardant (UL 94 V-0), color: white (RAL 9001), glow-wire test 960 °C according to IEC 695-2-1

The base plate has an integrated top-hat rail for snap-on fixing of MCBs, RCDs, modular built-in devices, etc.

for 2 modules	PCD 2 N	GH S270 1921 R0002	12402 6①	0.09	1
for 4 modules	PCD 4 N	GH S270 1921 R0004	12404 0①	0.15	1
for 6 modules	PCD 6 N	GH S270 1921 R0006	12406 4①	0.2	1
for 8 modules	PCD 8 N	GH S270 1921 R0008	12408 8①	0.7	1

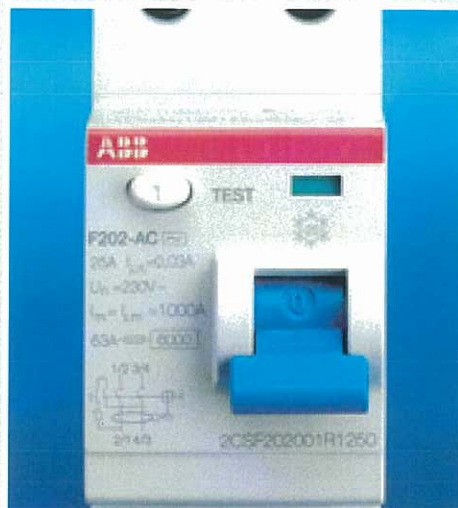
Common terminals for terminal covers PCD

for PCD 4 N and 6 N	KL-PCD 4/6	GH S270 1912 R0004	12502 3①	0.017
for PCD 8 N	KL-PCD 8	GH S270 1912 R0008	12592 7①	0.079

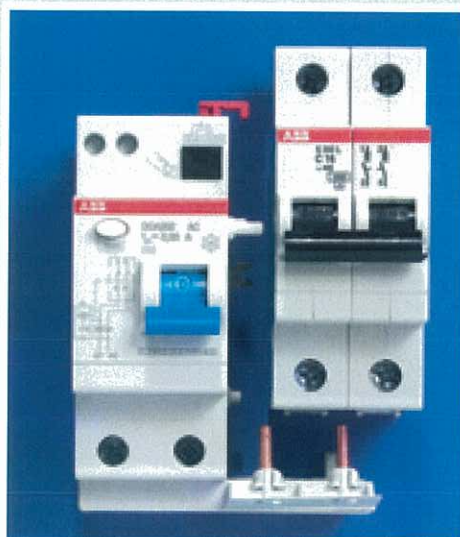
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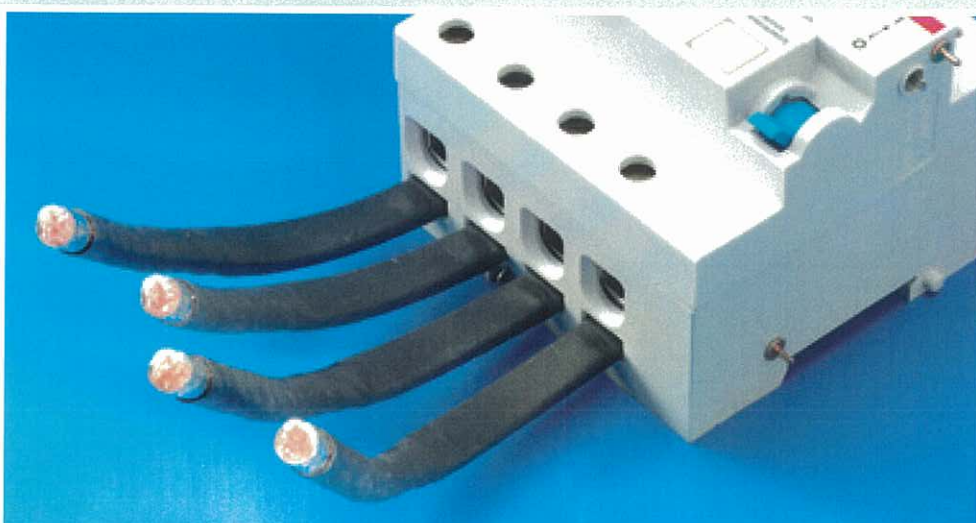
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