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System pro M compact® and breaking capacities

General features

MCBs

NOTE: All the MCBs of S200 series present two values of breaking capacities marked on the product:
on the front I_{cu} according to IEC/EN 60898
on the side I_{cs} according to IEC/EN 60947-2 depending on the rated current, if not otherwise specified.



Series		S 200		S 200 M		S 200 P		S 200 U		S 200 UP		SN 201 L		SN 201		SN 201 M		S 280	
Characteristics		B,C,D, K,Z		B,C,D, K,Z		B,C,D, K,Z		K,Z		K,Z		B,C		B,C,D		B,C		B,C	
Rated current [A]		0.5 ≤ In ≤ 63		0.5 ≤ In ≤ 63		0.2 ≤ In ≤ 25		32 ≤ In ≤ 40		50 ≤ In ≤ 63		0.2 ≤ In ≤ 25		2 ≤ In ≤ 40		2 ≤ In ≤ 40		80 ≤ In ≤ 100	
Breaking capacity [kA]																			
Reference standard	Nr. poles	Ue[V]																	
IEC 23-3/EN 60898 IEC/EN 60947-2 Alternating current	Icn	230/400	6	10	25	15	15					4.5	6	10	6				
	Icu	1, 1P+N	133	20	25 ②	40	25	25	40	25	25	40	10	15	20	15			
		230	10	15 ②	25	15	15	25	15	15	25	6	10	10	6				
		2, 3, 4	230	20	25 ②	40	25	25	40	25	25	40				10			
		400	10	15 ②	25	15	15	25	15	15	25				6				
		2, 3, 4	500																
		690																	
	Ics	1, 1P+N	133	15	18.7 ③	20	18.7	18.7	20	18.7	18.7	20	6	10	10	15			
		230	7.5	11.2 ③	12.5	11.2	7.5	12.5	11.2	7.5	12.5	4.5	6	7.5	6				
		2, 3, 4	230	15 ①	18.7 ③	20	18.7	18.7	20	18.7	18.7	20				10			
		400	7.5	11.2 ③	12.5	11.2	7.5	12.5	11.2	7.5	12.5				6				
		2, 3, 4	500																
		690																	
IEC/EN 60947-2 Direct current T=I/R≤5ms for all series, except S280 UC and S800S-UC, where T=I/R<15ms	Icu	1, 1P+N	24	20															
		60	10	10	15	10	10	15	10	10	15	10	15	15	10				
		125																	
		250																	
		2	48	20															
		125	10	10	15	10	10	15	10	10	15	10	15	15	10				
		250																	
		500																	
		600																	
		800																	
		3,4	375																
		500																	
		750																	
		1000																	
		1200																	
	Ics	1, 1P+N	24	20															
		60	10	10	15	10	10	15	10	10	15	10	15	15	10				
		125																	
		250																	
		2	48	20															
		125	10	10	15	10	10	15	10	10	15	10	15	15	10				
		250																	
		500																	
		600																	
		800																	
		3,4	375																
		500																	
		750																	
		1000																	
		1200																	
UL 1077/ C22.2 No 235 Alternating current	Int. 1, 1P+N	cap.	120	10	10	10	10												
		277	6		10	10	10												
	2, 3, 4	240	10		10	10	10												
		480 Y/277	6		10	10	10												
UL 1077/ C22.2 No 235 Direct current	Int. 1, 1P+N	cap.	60	10															
	2, 3, 4	125	10																
UL 489/ C22.2 No 5 Alternating current	Int. 1	cap.	240					10	10	10	10								
		277										10							
	2, 3, 4	240						10	10	10	10								
		480 Y/277										10							
IEC/EN 60947-3	Icw 2		800																
	3, 4		1200																

① only up to 40 A; 10 kA up to 50/63 A

② only for "D" characteristic

③ values are not for all rated currents

④ 600 V DC for 100, 125 A

⑤ 1000 V DC for 100, 125 A

⑥ 3 poles	⑦ 4 poles	⑧ < 50 A	⑨ relevant product standard: E DIN VDE 0645 (based on IEC/EN 60898-1 and IEC/EN 60947-2)	⑩ by 250 V DC 1-pole 600 V 3- and 4-pole	⑪ by 600 V DC 2-pole	⑫ ≤ 25 A	⑬ > 25 A ⑭ 480/277 V
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MCBs protect installations against overload and short-circuit, warranting reliability and safety for operations.

New System pro *M* compact S 200 series satisfies most common requirements in terms of MCBs, allowing the usage of them for domestic, industrial and commercial applications.

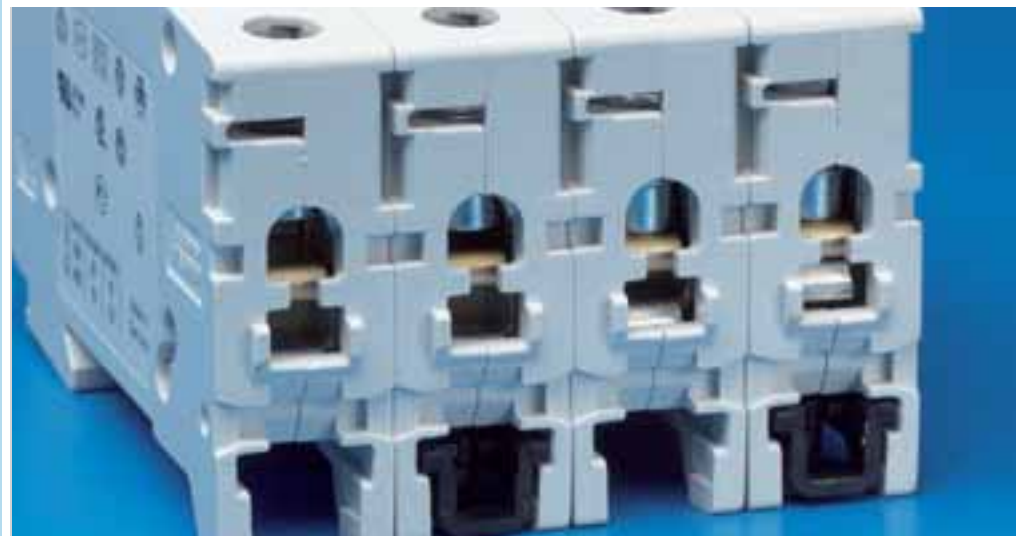
Three series – **S 200**, **S 200 M** and **S 200 P** – with three different breaking capacities up to 25 kA are available, in all characteristics (B, C, D, K and Z) and configurations (1P, 1P+N, 2P, 3P, 3P+N and 4P), in all the sizes up to 63 A.

All these MCBs comply to IEC/EN 60898 and IEC/EN 60947-2 Standards. The range includes also the new **S 200 U** and **S 200 UP** in accordance to UL 489/CSA-C22.2 N 05 Standard.

It is also available the new integrated auxiliary contact on the bottom side which permits to save 50% space.

Thought to be advanced, MCBs range also offers all the “plus” advantages which characterized the whole new System pro *M* compact range.

S 200 series devices obtained a lot of marks and approvals, so they can be used in all world's markets.



2CSC400230F0201



2CSC400261F0201



2CSC400260F0201



2CSC400259F0201

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Selection tables of MCBs S 200 in accordance to UL 489/CSA-C22.2 N 05

S 200 U-K	2/38
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Electrical Data	Standards	IEC/EN UL/CSA	
	Poles		
	Tripping characteristics		
	Rated current I_n		A
	Rated voltage U_n	IEC/EN 60898-1	V
	Rated voltage U_e	IEC/EN 60947-2	V
	Rated voltage	UL/CSA	V
	Insulation voltage U_i	IEC/EN 60898-1 / 60947-2	V
	Max. operating voltage U_{Bmax}		V
	Min. operating voltage U_{Bmin}		V
	Rated frequency f		Hz
	Rated short-circuit capacity I_{cn}	IEC/EN 60898-1	kA
	Ultimate short-circuit capacity I_{cu}	IEC/EN 60947-2	kA
	Service short-circuit capacity I_{cs}	IEC/EN 60947-2	kA
	Rated interrupting capacity	UL 1077, CSA 22.2 No. 235	kA
	Short-circuit current rating SCCR	UL 489, CSA 22.2 No. 5	kA
	Energy limiting class	IEC/EN 60898-1	
	Overvoltage category	IEC/EN 60898-1 / 60947-2	
	Pollution degree	IEC/EN 60898-1	
		IEC/EN 60947-2	
	Rated impulse withstand voltage U_{imp} (1.2/50 μ s)	IEC/EN 60898-1 / 60947-2	kV
	Dielectric test voltage	IEC/EN 60898-1	kV
Mechanical Data	Housing		
	Toggle		
	Contact position indication		
	Protection degree	EN 60529	
	Electrical endurance		ops.
	Mechanical endurance		ops.
	Shock resistance	IEC/EN 60068-2-27	
	Vibration resistance	IEC/EN 60068-2-6	
	Tropicalization (damp heat cyclic)	IEC/EN 60068-2-30	°C/RH
	Ambient temperature		°C
	Storage temperature		°C
	Reference temperature for tripping characteristics	IEC/EN 60898-1	°C
		IEC/EN 60947-2	
Installation	Terminal		
	Cross-section of conductors (top / bottom)	IEC/EN 60898-1 / 60947-2	mm ²
		UL/CSA	AWG
	Cross-section of busbars (top / bottom)	IEC/EN 60898-1 / 60947-2	mm ²
		UL/CSA	AWG
	Torque	IEC/EN	Nm
		UL/CSA	in-lbs.
	Screwdriver		
	Mounting		
	Mounting position		
	Supply		
Dimensions and weight	Mounting dimensions	DIN 43880	
	Pole dimensions (H x D x W)		mm
	Pole weight		g
Combination with aux. elements	Auxiliary contact		
	Signal contact/auxiliary switch		
	Shunt trip		
	Undervoltage release		



S 200	S 200 M	S 200 P	S 200 U	S 200 UP	S 200 UDC
IEC/EN 60898-1, IEC/EN 60947-2 UL 1077, CSA 22.2 No. 235	IEC/EN 60898-1, IEC/EN 60947-2 —	IEC/EN 60898-1, IEC/EN 60947-2 UL 1077, CSA 22.2 No. 235	IEC/EN 60947-2 UL 489, CSA 22.2 No.5		— UL 489
1P, 2P, 3P, 4P, 1P+N, 3P+N B, C, D, K, Z			1P, 2P, 3P, 4P K, Z		1P, 2P
0.5...63 A		0.2...63 A	0.2...63 A	0.2...25 A	1...63 A
1P: 230/400 V AC; 1P+N: 230 V AC ; 2...4P: 400 V AC; 3P+N: 400 V AC			—		
1P: 230 V AC; 1P+N: 230 V AC; 2...4P: 400 V AC; 3P+N: 400 V AC			1P: 230 V AC; 2...4P: 400 V AC		—
480Y / 277 V AC	—	480Y / 277 V AC	1P: 240 V AC 2...4P: 240 V AC	1P: 277 V AC 2...4P: 480Y / 277 V AC	1P: 60 V DC 2P: 125 V DC
250 V AC (phase to ground), 500 V AC (phase to phase)					—
1P: 253 V AC; 1P+N: 253 V AC; 2P: 440 V AC; 3...4P: 440 V AC; 3P+N: 440 V AC			1P: 253/440 V AC; 2...4P: 440 V AC		—
1P: 72 V DC; 2P: 125 V DC					
12 V AC - 12 V DC			12 V AC		12 V DC
50 / 60 Hz					DC
6 kA	10 kA	≤ 25 A: 25 kA > 25 A: 15 kA	—		
10 kA	≤ 40 A: 15 kA 50, 63 A: 10 kA	≤ 25 A: 25 kA ≥ 32 A: 15 kA	10 kA		—
7.5 kA	≤ 40 A: 11.2 kA 50, 63 A: 7.5 kA	≤ 25 A: 12.5 kA ≤ 32...40 A: 11.2 kA 50, 63 A: 7.5 kA	7.5 kA		—
6 kA	—	10 kA	—		
—			10 kA		14 kA (UL)
3			—		
III					—
2			—		
3					—
4 kV (test voltage 6.2 kV at sea level, 5 kV at 2,000 m)					—
2 kV (50 / 60Hz, 1 min.)					—
Insulation group I, RAL 7035					
Insulation group II, black, sealable					
Marking on toggle, I ON / 0 OFF		Marking on toggle (I ON / 0 OFF), Real CPI (red ON / green OFF)			
IP20 / IPXXB, IP40 in enclosure with cover					
$I_n < 32$ A: 20,000 ops AC, $I_n \geq 32$ A: 10,000 ops. AC					6,000 ops.
1,000 ops. DC					
20,000 ops.					
30 g - 3 shocks - 11 ms					
5g - 20 cycles at 5...150...5 Hz with load 0.8I _n					
28 cycles with 55°C/90-96% and 25°C/95-100%					
-25 ... +55°C					
-40 ... +70°C					
B, C, D: 30°C K, Z: 20°C			25°C (UL/CSA)		25°C (UL)
Failsafe bi-directional cylinder-lift terminal					
18 - 4 AWG	—	25 mm ² / 25 mm ²	18 - 4 AWG		—
18 - 8 AWG	—	10 mm ² / 10 mm ²	18 - 8 AWG		—
25 in-lbs.	—	2.8 Nm	25 in-lbs.		
No. 2 Pozidrive					
On DIN rail 35 mm acc. to EN 60715 by fast clip					
any					
optional					Please note polarity of device
Mounting dimension 1 88 x 69 x 17.5 mm			92 x 71 x 17.5 mm	— 100 x 71 x 17.5 mm	92 x 71 x 17.5 mm
ca. 125 g		ca. 140 g			
Yes		Yes			
Yes		Yes			
Yes		no			

B

2



S 200 B characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for people and big length cables in TN and IT systems.

Applications: residential, commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=6 kA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S 201-B 6	2CDS 251 001 R0065	46490 1		0.125	10
	10	S 201-B 10	2CDS 251 001 R0105	46380 5		0.125	10
	13	S 201-B 13	2CDS 251 001 R0135	46500 7		0.125	10
	16	S 201-B 16	2CDS 251 001 R1165	57863 9		0.125	10
	20 ①	S 201-B 20	2CDS 251 001 R0205	46510 6		0.125	10
	25	S 201-B 25	2CDS 251 001 R0255	46520 5		0.125	10
	32 ②	S 201-B 32	2CDS 251 001 R0325	46530 4		0.125	10
	40 ③	S 201-B 40	2CDS 251 001 R0405	46540 3		0.125	10
	50	S 201-B 50	2CDS 251 001 R0505	55092 5		0.125	10
	63	S 201-B 63	2CDS 251 001 R0635	55093 2		0.125	10
U _{Bmax} 253 V ~ 72 V ...							
2	6	S 202-B 6	2CDS 252 001 R0065	46640 0		0.250	5
	10	S 202-B 10	2CDS 252 001 R0105	46660 8		0.250	5
	13	S 202-B 13	2CDS 252 001 R0135	46670 7		0.250	5
	16	S 202-B 16	2CDS 252 001 R0165	46690 5		0.250	5
	20	S 202-B 20	2CDS 252 001 R0205	46700 1		0.250	5
	25	S 202-B 25	2CDS 252 001 R0255	46710 0		0.250	5
	32	S 202-B 32	2CDS 252 001 R0325	46720 9		0.250	5
	40	S 202-B 40	2CDS 252 001 R0405	46740 7		0.250	5
	50	S 202-B 50	2CDS 252 001 R0505	55094 9		0.250	5
	63	S 202-B 63	2CDS 252 001 R0635	55095 6		0.250	5
U _{Bmax} 440 V ~ 125 V ... ④							
3	6	S 203-B 6	2CDS 253 001 R0065	46860 2		0.375	1
	10	S 203-B 10	2CDS 253 001 R0105	46870 1		0.375	1
	13	S 203-B 13	2CDS 253 001 R0135	46890 9		0.375	1
	16	S 203-B 16	2CDS 253 001 R0165	46900 5		0.375	1
	20 ①	S 203-B 20	2CDS 253 001 R0205	46910 4		0.375	1
	25	S 203-B 25	2CDS 253 001 R0255	46920 3		0.375	1
	32 ②	S 203-B 32	2CDS 253 001 R0325	46930 2		0.375	1
	40 ③	S 203-B 40	2CDS 253 001 R0405	46940 1		0.375	1
	50	S 203-B 50	2CDS 253 001 R0505	55096 3		0.375	1
	63	S 203-B 63	2CDS 253 001 R0635	55097 0		0.375	1
U _{Bmax} 440 V ~							
4	6	S 204-B 6	2CDS 254 001 R0065	52895 5		0.500	1
	10	S 204-B 10	2CDS 254 001 R0105	52896 2		0.500	1
	13	S 204-B 13	2CDS 254 001 R0135	52897 9		0.500	1
	16	S 204-B 16	2CDS 254 001 R0165	52898 6		0.500	1
	20	S 204-B 20	2CDS 254 001 R0205	52899 3		0.500	1
	25	S 204-B 25	2CDS 254 001 R0255	52900 6		0.500	1
	32	S 204-B 32	2CDS 254 001 R0325	52901 3		0.500	1
	40	S 204-B 40	2CDS 254 001 R0405	52902 0		0.500	1
	50	S 204-B 50	2CDS 254 001 R0505	55098 7		0.500	1
	63	S 204-B 63	2CDS 254 001 R0635	55099 4		0.500	1
U _{Bmax} 440 V ~ 125 V ... ④							

- ① suitable for flow-type heaters 12 kW
② suitable for flow-type heaters 18 kW

- ③ suitable for flow-type heaters 21, 24 and 27 kW
④ U_{Bmax} 125 V ... with 2 poles connected in series

B



2CSC400421F0201



2CSC400418F0201



With disconnecting neutral NA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S 201-B 6 NA	2CDS 251 103 R0065	53158 0		0.250	5
+	10	S 201-B 10 NA	2CDS 251 103 R0105	53159 7		0.250	5
NA	13	S 201-B 13 NA	2CDS 251 103 R0135	53160 3		0.250	5
	16	S 201-B 16 NA	2CDS 251 103 R0165	53161 0		0.250	5
	20 ①	S 201-B 20 NA	2CDS 251 103 R0205	53162 7		0.250	5
	25	S 201-B 25 NA	2CDS 251 103 R0255	53163 4		0.250	5
	32 ②	S 201-B 32 NA	2CDS 251 103 R0325	53164 1		0.250	5
U _{Bmax} 253 V ~	40 ③	S 201-B 40 NA	2CDS 251 103 R0405	53165 8		0.250	5
72 V ...	50	S 201-B 50 NA	2CDS 251 103 R0505	53615 8		0.250	5
	63	S 201-B 63 NA	2CDS 251 103 R0635	53614 1		0.250	5
3	6	S 203-B 6 NA	2CDS 253 103 R0065	53228 0		0.500	1
+	10	S 203-B 10 NA	2CDS 253 103 R0105	53229 7		0.500	1
NA	13	S 203-B 13 NA	2CDS 253 103 R0135	53230 3		0.500	1
	16	S 203-B 16 NA	2CDS 253 103 R0165	53231 0		0.500	1
	20 ①	S 203-B 20 NA	2CDS 253 103 R0205	53232 7		0.500	1
	25	S 203-B 25 NA	2CDS 253 103 R0255	53233 4		0.500	1
	32 ②	S 203-B 32 NA	2CDS 253 103 R0325	53234 1		0.500	1
	40 ③	S 203-B 40 NA	2CDS 253 103 R0405	53235 8		0.500	1
U _{Bmax} 440 V ~	50	S 203-B 50 NA	2CDS 253 103 R0505	53616 5		0.580	1
	63	S 203-B 63 NA	2CDS 253 103 R0635	53617 2		0.580	1

① suitable for flow-type heaters 12 kW

② suitable for flow-type heaters 18 kW

③ suitable for flow-type heaters 21, 24 and 27 kW

2

C

2


1
2

1 3
2 4

1 3 5
2 4 6

S 200 C characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for resistive and inductive loads with low inrush current.

Applications: residential, commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

I_{cn}=6 kA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201-C 0.5	2CDS 251 001 R0984	52329 5		0.125	10
	1	S 201-C 1	2CDS 251 001 R0014	52331 8		0.125	10
	1.6	S 201-C 1.6	2CDS 251 001 R0974	52330 1		0.125	10
	2	S 201-C 2	2CDS 251 001 R0024	52332 5		0.125	10
	3	S 201-C 3	2CDS 251 001 R0034	52333 2		0.125	10
	4	S 201-C 4	2CDS 251 001 R0044	52334 9		0.125	10
	6	S 201-C 6	2CDS 251 001 R0064	46400 0		0.125	10
	8	S 201-C 8	2CDS 251 001 R0084	46410 9		0.125	10
	10	S 201-C 10	2CDS 251 001 R0104	46420 8		0.125	10
	13	S 201-C 13	2CDS 251 001 R0134	46430 7		0.125	10
	16	S 201-C 16	2CDS 251 001 R0164	46440 6		0.125	10
	20 ①	S 201-C 20	2CDS 251 001 R0204	46450 5		0.125	10
	25	S 201-C 25	2CDS 251 001 R0254	46460 4		0.125	10
	32 ②	S 201-C 32	2CDS 251 001 R0324	46470 3		0.125	10
	40 ③	S 201-C 40	2CDS 251 001 R0404	46480 2		0.125	10
	50	S 201-C 50	2CDS 251 001 R0504	55100 7		0.125	10
	63	S 201-C 63	2CDS 251 001 R0634	55101 4		0.125	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202-C 0.5	2CDS 252 001 R0984	52335 6		0.250	5
	1	S 202-C 1	2CDS 252 001 R0014	52336 3		0.250	5
	1.6	S 202-C 1.6	2CDS 252 001 R0974	52337 0		0.250	5
	2	S 202-C 2	2CDS 252 001 R0024	52338 7		0.250	5
	3	S 202-C 3	2CDS 252 001 R0034	52339 4		0.250	5
	4	S 202-C 4	2CDS 252 001 R0044	52340 0		0.250	5
	6	S 202-C 6	2CDS 252 001 R0064	46550 2		0.250	5
	8	S 202-C 8	2CDS 252 001 R0084	46560 1		0.250	5
	10	S 202-C 10	2CDS 252 001 R0104	46570 0		0.250	5
	13	S 202-C 13	2CDS 252 001 R0134	46580 9		0.250	5
	16	S 202-C 16	2CDS 252 001 R0164	46590 8		0.250	5
	20	S 202-C 20	2CDS 252 001 R0204	46600 4		0.250	5
	25	S 202-C 25	2CDS 252 001 R0254	46610 3		0.250	5
	32	S 202-C 32	2CDS 252 001 R0324	46620 2		0.250	5
	40	S 202-C 40	2CDS 252 001 R0404	46630 1		0.250	5
	50	S 202-C 50	2CDS 252 001 R0504	55104 5		0.250	5
	63 ④	S 202-C 63	2CDS 252 001 R0634	55105 2		0.250	5
U _{Bmax} 440 V ~ 125 V ...							
3	0.5	S 203-C 0.5	2CDS 253 001 R0984	52341 7		0.375	1
	1	S 203-C 1	2CDS 253 001 R0014	52342 4		0.375	1
	1.6	S 203-C 1.6	2CDS 253 001 R0974	52343 1		0.375	1
	2	S 203-C 2	2CDS 253 001 R0024	52344 8		0.375	1
	3	S 203-C 3	2CDS 253 001 R0034	52345 5		0.375	1
	4	S 203-C 4	2CDS 253 001 R0044	52346 2		0.375	1
	6	S 203-C 6	2CDS 253 001 R0064	46750 6		0.375	1
	8	S 203-C 8	2CDS 253 001 R0084	46760 5		0.375	1
	10	S 203-C 10	2CDS 253 001 R0104	46780 3		0.375	1
	13	S 203-C 13	2CDS 253 001 R0134	46790 2		0.375	1
	16	S 203-C 16	2CDS 253 001 R0164	46800 8		0.375	1
	20 ①	S 203-C 20	2CDS 253 001 R0204	46810 7		0.375	1
	25	S 203-C 25	2CDS 253 001 R0254	46820 6		0.375	1
	32 ②	S 203-C 32	2CDS 253 001 R0324	46830 5		0.375	1
	40 ③	S 203-C 40	2CDS 253 001 R0404	46840 4		0.375	1
	50	S 203-C 50	2CDS 253 001 R0504	55106 9		0.375	1
	63	S 203-C 63	2CDS 253 001 R0634	55107 6		0.375	1
U _{Bmax} 440 V ~							

C



2CSC400419F0201



2CSC400421F0201



2CSC400418F0201



4	0.5	S 204-C 0.5	2CDS 254 001 R0984	52911 2	0.500	1
	1	S 204-C 1	2CDS 254 001 R0014	52912 9	0.500	1
	1.6	S 204-C 1.6	2CDS 254 001 R0974	52913 6	0.500	1
	2	S 204-C 2	2CDS 254 001 R0024	52914 3	0.500	1
	3	S 204-C 3	2CDS 254 001 R0034	52915 0	0.500	1
	4	S 204-C 4	2CDS 254 001 R0044	52916 7	0.500	1
	6	S 204-C 6	2CDS 254 001 R0064	52917 4	0.500	1
	8	S 204-C 8	2CDS 254 001 R0084	52918 1	0.500	1
	10	S 204-C 10	2CDS 254 001 R0104	52919 8	0.500	1
	13	S 204-C 13	2CDS 254 001 R0134	52920 4	0.500	1
	16	S 204-C 16	2CDS 254 001 R0164	52921 1	0.500	1
	20	S 204-C 20	2CDS 254 001 R0204	52922 8	0.500	1
	25	S 204-C 25	2CDS 254 001 R0254	52923 5	0.500	1
	32	S 204-C 32	2CDS 254 001 R0324	52924 2	0.500	1
	40	S 204-C 40	2CDS 254 001 R0404	52925 9	0.500	1
	50	S 204-C 50	2CDS 254 001 R0504	55110 6	0.500	1
④	63	S 204-C 63	2CDS 254 001 R0634	55111 3	0.500	1

U_{Bmax}
440 V ~
125 V ...

- ① suitable for flow-type heaters 12 kW ③ suitable for flow-type heaters 21, 24 and 27 kW
② suitable for flow-type heaters 18 kW ④ U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1 + NA	0.5	S 201-C 0.5 NA	2CDS 251 103 R0984	53166 5		0.250	5
	1	S 201-C 1 NA	2CDS 251 103 R0014	53167 2		0.250	5
	1.6	S 201-C 1.6 NA	2CDS 251 103 R0974	53168 9		0.250	5
	2	S 201-C 2 NA	2CDS 251 103 R0024	53169 6		0.250	5
	3	S 201-C 3 NA	2CDS 251 103 R0034	53170 2		0.250	5
	4	S 201-C 4 NA	2CDS 251 103 R0044	53172 6		0.250	5
	6	S 201-C 6 NA	2CDS 251 103 R0064	53173 3		0.250	5
	8	S 201-C 8 NA	2CDS 251 103 R0084	53174 0		0.250	5
	10	S 201-C 10 NA	2CDS 251 103 R0104	53175 7		0.250	5
	13	S 201-C 13 NA	2CDS 251 103 R0134	53176 4		0.250	5
	16	S 201-C 16 NA	2CDS 251 103 R0164	53177 1		0.250	5
	20 ①	S 201-C 20 NA	2CDS 251 103 R0204	53178 8		0.250	5
	25	S 201-C 25 NA	2CDS 251 103 R0254	53179 5		0.250	5
	32 ②	S 201-C 32 NA	2CDS 251 103 R0324	53180 1		0.250	5
U_{Bmax} 253 V ~ 72 V ...	40 ③	S 201-C 40 NA	2CDS 251 103 R0404	53181 8		0.250	5
	50	S 201-C 50 NA	2CDS 251 103 R0504	55102 1		0.290	5
	63	S 201-C 63 NA	2CDS 251 103 R0634	55103 8		0.290	5
3 + NA	0.5	S 203-C 0.5 NA	2CDS 253 103 R0984	53236 5		0.500	1
	1	S 203-C 1 NA	2CDS 253 103 R0014	53237 2		0.500	1
	1.6	S 203-C 1.6 NA	2CDS 253 103 R0974	53238 9		0.500	1
	2	S 203-C 2 NA	2CDS 253 103 R0024	53240 2		0.500	1
	3	S 203-C 3 NA	2CDS 253 103 R0034	53241 9		0.500	1
	4	S 203-C 4 NA	2CDS 253 103 R0044	53242 6		0.500	1
	6	S 203-C 6 NA	2CDS 253 103 R0064	53243 3		0.500	1
	8	S 203-C 8 NA	2CDS 253 103 R0084	53244 0		0.500	1
	10	S 203-C 10 NA	2CDS 253 103 R0104	53245 7		0.500	1
	13	S 203-C 13 NA	2CDS 253 103 R0134	53246 4		0.500	1
	16	S 203-C 16 NA	2CDS 253 103 R0164	53247 1		0.500	1
	20 ①	S 203-C 20 NA	2CDS 253 103 R0204	53248 8		0.500	1
	25	S 203-C 25 NA	2CDS 253 103 R0254	53249 5		0.500	1
	32 ②	S 203-C 32 NA	2CDS 253 103 R0324	53250 1		0.500	1
U_{Bmax} 440 V ~	40 ③	S 203-C 40 NA	2CDS 253 103 R0404	53251 8		0.500	1
	50	S 203-C 50 NA	2CDS 253 103 R0504	55108 3		0.580	1
	63	S 203-C 63 NA	2CDS 253 103 R0634	55109 0		0.580	1

- ① suitable for flow-type heaters 12 kW ③ suitable for flow-type heaters 21, 24 and 27 kW
② suitable for flow-type heaters 18 kW

D

2



2CSC400408F0201



2CSC400409F0201



2CSC400412F0201



S 200 D characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for circuits which supply loads with high inrush current at the circuit closing (LV/LV transformers, breakdown lamps).

Applications: residential, commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=6 kA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201-D 0.5	2CDS 251 001 R0981	52993 8		0.125	10
	1	S 201-D 1	2CDS 251 001 R0011	52994 5		0.125	10
	1.6	S 201-D 1.6	2CDS 251 001 R0971	52995 2		0.125	10
	2	S 201-D 2	2CDS 251 001 R0021	52996 9		0.125	10
	3	S 201-D 3	2CDS 251 001 R0031	52997 6		0.125	10
	4	S 201-D 4	2CDS 251 001 R0041	52998 3		0.125	10
	6	S 201-D 6	2CDS 251 001 R0061	52999 0		0.125	10
	8	S 201-D 8	2CDS 251 001 R0081	53000 2		0.125	10
	10	S 201-D 10	2CDS 251 001 R0101	53001 9		0.125	10
	13	S 201-D 13	2CDS 251 001 R0131	53002 6		0.125	10
	16	S 201-D 16	2CDS 251 001 R0161	53003 3		0.125	10
	20 ①	S 201-D 20	2CDS 251 001 R0201	53004 0		0.125	10
	25	S 201-D 25	2CDS 251 001 R0251	53005 7		0.125	10
	32 ②	S 201-D 32	2CDS 251 001 R0321	53006 4		0.125	10
	40 ③	S 201-D 40	2CDS 251 001 R0401	53007 1		0.125	10
	50	S 201-D 50	2CDS 251 001 R0501	55199 1		0.125	10
	63	S 201-D 63	2CDS 251 001 R0631	55200 4		0.125	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202-D 0.5	2CDS 252 001 R0981	53048 4		0.250	5
	1	S 202-D 1	2CDS 252 001 R0011	53049 1		0.250	5
	1.6	S 202-D 1.6	2CDS 252 001 R0971	53050 7		0.250	5
	2	S 202-D 2	2CDS 252 001 R0021	53051 4		0.250	5
	3	S 202-D 3	2CDS 252 001 R0031	53052 1		0.250	5
	4	S 202-D 4	2CDS 252 001 R0041	53053 8		0.250	5
	6	S 202-D 6	2CDS 252 001 R0061	53054 5		0.250	5
	8	S 202-D 8	2CDS 252 001 R0081	53055 2		0.250	5
	10	S 202-D 10	2CDS 252 001 R0101	53058 3		0.250	5
	13	S 202-D 13	2CDS 252 001 R0131	53060 6		0.250	5
	16	S 202-D 16	2CDS 252 001 R0161	53061 3		0.250	5
	20	S 202-D 20	2CDS 252 001 R0201	53063 7		0.250	5
	25	S 202-D 25	2CDS 252 001 R0251	53064 4		0.250	5
	32	S 202-D 32	2CDS 252 001 R0321	53065 1		0.250	5
	40	S 202-D 40	2CDS 252 001 R0401	53066 8		0.250	5
	50	S 202-D 50	2CDS 252 001 R0501	55203 5		0.250	5
	63	S 202-D 63	2CDS 252 001 R0631	55204 2		0.250	5
U _{Bmax} 440 V ~ 125 V ... ④							
3	0.5	S 203-D 0.5	2CDS 253 001 R0981	53081 1		0.375	1
	1	S 203-D 1	2CDS 253 001 R0011	53082 8		0.375	1
	1.6	S 203-D 1.6	2CDS 253 001 R0971	53083 5		0.375	1
	2	S 203-D 2	2CDS 253 001 R0021	53084 2		0.375	1
	3	S 203-D 3	2CDS 253 001 R0031	53085 9		0.375	1
	4	S 203-D 4	2CDS 253 001 R0041	53086 6		0.375	1
	6	S 203-D 6	2CDS 253 001 R0061	53088 0		0.375	1
	8	S 203-D 8	2CDS 253 001 R0081	53089 7		0.375	1
	10	S 203-D 10	2CDS 253 001 R0101	53090 3		0.375	1
	13	S 203-D 13	2CDS 253 001 R0131	53091 0		0.375	1
	16	S 203-D 16	2CDS 253 001 R0161	53092 7		0.375	1
	20 ①	S 203-D 20	2CDS 253 001 R0201	53093 4		0.375	1
	25	S 203-D 25	2CDS 253 001 R0251	53094 1		0.375	1
	32 ②	S 203-D 32	2CDS 253 001 R0321	53095 8		0.375	1
	40 ③	S 203-D 40	2CDS 253 001 R0401	53096 5		0.375	1
	50	S 203-D 50	2CDS 253 001 R0501	55205 9		0.375	1
	63	S 203-D 63	2CDS 253 001 R0631	55206 6		0.375	1
U _{Bmax} 440 V ~							

D



2CSC400419F0201



4	0.5	S 204-D 0.5	2CDS 254 001 R0981	53112 2	0.500	1
	1	S 204-D 1	2CDS 254 001 R0011	53113 9	0.500	1
	1.6	S 204-D 1.6	2CDS 254 001 R0971	53114 6	0.500	1
	2	S 204-D 2	2CDS 254 001 R0021	53115 3	0.500	1
	3	S 204-D 3	2CDS 254 001 R0031	53116 0	0.500	1
	4	S 204-D 4	2CDS 254 001 R0041	53117 7	0.500	1
	6	S 204-D 6	2CDS 254 001 R0061	53118 4	0.500	1
	8	S 204-D 8	2CDS 254 001 R0081	53119 1	0.500	1
	10	S 204-D 10	2CDS 254 001 R0101	53120 7	0.500	1
	13	S 204-D 13	2CDS 254 001 R0131	53121 4	0.500	1
	16	S 204-D 16	2CDS 254 001 R0161	53122 1	0.500	1
	20	S 204-D 20	2CDS 254 001 R0201	53123 8	0.500	1
	25	S 204-D 25	2CDS 254 001 R0251	53129 0	0.500	1
	32	S 204-D 32	2CDS 254 001 R0321	53130 6	0.500	1
	40	S 204-D 40	2CDS 254 001 R0401	53131 3	0.500	1
	50	S 204-D 50	2CDS 254 001 R0501	55209 7	0.500	1
	63	S 204-D 63	2CDS 254 001 R0631	55210 3	0.500	1

U_{Bmax}
440 V ~
125 V ...
④

- ① suitable for flow-type heaters 12 kW
② suitable for flow-type heaters 18 kW
③ suitable for flow-type heaters 21, 24 and 27 kW
④ U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA



2CSC400421F0201



Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1 + NA	0.5	S 201-D 0.5 NA	2CDS 251 103 R0981	53197 9		0.250	5
	1	S 201-D 1 NA	2CDS 251 103 R0011	53198 6		0.250	5
	1.6	S 201-D 1.6 NA	2CDS 251 103 R0971	53199 3		0.250	5
	2	S 201-D 2 NA	2CDS 251 103 R0021	53200 6		0.250	5
	3	S 201-D 3 NA	2CDS 251 103 R0031	53201 3		0.250	5
	4	S 201-D 4 NA	2CDS 251 103 R0041	53202 0		0.250	5
	6	S 201-D 6 NA	2CDS 251 103 R0061	53203 7		0.250	5
	8	S 201-D 8 NA	2CDS 251 103 R0081	53204 4		0.250	5
	10	S 201-D 10 NA	2CDS 251 103 R0101	53205 1		0.250	5
	13	S 201-D 13 NA	2CDS 251 103 R0131	53206 8		0.250	5
	16	S 201-D 16 NA	2CDS 251 103 R0161	53209 9		0.250	5
	20 ①	S 201-D 20 NA	2CDS 251 103 R0201	53210 5		0.250	5
	25	S 201-D 25 NA	2CDS 251 103 R0251	53211 2		0.250	5
	32 ②	S 201-D 32 NA	2CDS 251 103 R0321	53212 9		0.250	5
	40 ③	S 201-D 40 NA	2CDS 251 103 R0401	53213 6		0.250	5
	50	S 201-D 50 NA	2CDS 251 103 R0501	55201 1		0.290	5
	63	S 201-D 63 NA	2CDS 251 103 R0631	55202 8		0.290	5

U_{Bmax}
253 V ~
72 V ...

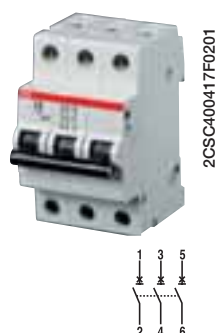
3 + NA	0.5	S 203-D 0.5 NA	2CDS 253 103 R0981	53276 1		0.500	2
	1	S 203-D 1 NA	2CDS 253 103 R0011	53277 8		0.500	2
	1.6	S 203-D 1.6 NA	2CDS 253 103 R0971	53278 5		0.500	2
	2	S 203-D 2 NA	2CDS 253 103 R0021	53279 2		0.500	2
	3	S 203-D 3 NA	2CDS 253 103 R0031	53280 8		0.500	2
	4	S 203-D 4 NA	2CDS 253 103 R0041	53281 5		0.500	2
	6	S 203-D 6 NA	2CDS 253 103 R0061	53282 2		0.500	2
	8	S 203-D 8 NA	2CDS 253 103 R0081	53283 9		0.500	2
	10	S 203-D 10 NA	2CDS 253 103 R0101	53284 6		0.500	2
	13	S 203-D 13 NA	2CDS 253 103 R0131	53286 0		0.500	2
	16	S 203-D 16 NA	2CDS 253 103 R0161	53287 7		0.500	2
	20 ①	S 203-D 20 NA	2CDS 253 103 R0201	53288 4		0.500	2
	25	S 203-D 25 NA	2CDS 253 103 R0251	53289 1		0.500	2
	32 ②	S 203-D 32 NA	2CDS 253 103 R0321	53290 7		0.500	2
	40 ③	S 203-D 40 NA	2CDS 253 103 R0401	53291 4		0.500	2
	50	S 203-D 50 NA	2CDS 253 103 R0501	55207 3		0.580	2
	63	S 203-D 63 NA	2CDS 253 103 R0631	55208 0		0.580	2

U_{Bmax}
440 V ~

- ① suitable for flow-type heaters 12 kW
② suitable for flow-type heaters 18 kW
③ suitable for flow-type heaters 21, 24 and 27 kW

K

2



S 200 K (power) characteristic

Function: protection and control of the circuits like motors, transformer and auxiliary circuits, against overloads and short-circuits.

Advantages: no nuisance tripping in the case of functional peak currents up to $10 \times I_n$, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, VDE 0660 Part 101

Icu=6 kA (acc. to VDE 0660 Part 101)

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	0.5	S 201-K 0.5	2CDS 251 001 R0157	50719 6		0.125	10
	1	S 201-K 1	2CDS 251 001 R0217	50720 2		0.125	10
	1.6	S 201-K 1.6	2CDS 251 001 R0257	50721 9		0.125	10
	2	S 201-K 2	2CDS 251 001 R0277	50722 6		0.125	10
	3	S 201-K 3	2CDS 251 001 R0317	50723 3		0.125	10
	4	S 201-K 4	2CDS 251 001 R0337	50724 0		0.125	10
	6	S 201-K 6	2CDS 251 001 R0377	50725 7		0.125	10
	8	S 201-K 8	2CDS 251 001 R0407	50726 4		0.125	10
	10	S 201-K 10	2CDS 251 001 R0427	49611 7		0.125	10
	13	S 201-K 13	2CDS 251 001 R0447	50727 1		0.125	10
	16	S 201-K 16	2CDS 251 001 R0467	49612 4		0.125	10
	20	S 201-K 20	2CDS 251 001 R0487	50728 8		0.125	10
	25	S 201-K 25	2CDS 251 001 R0517	50729 5		0.125	10
	32	S 201-K 32	2CDS 251 001 R0537	49613 1		0.125	10
	40	S 201-K 40	2CDS 251 001 R0557	50730 1		0.125	10
	50	S 201-K 50	2CDS 251 001 R0577	55112 0		0.125	10
	63	S 201-K 63	2CDS 251 001 R0607	55113 7		0.125	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202-K 0.5	2CDS 252 001 R0157	50731 8		0.250	5
	1	S 202-K 1	2CDS 252 001 R0217	50732 5		0.250	5
	1.6	S 202-K 1.6	2CDS 252 001 R0257	50733 2		0.250	5
	2	S 202-K 2	2CDS 252 001 R0277	50734 9		0.250	5
	3	S 202-K 3	2CDS 252 001 R0317	50735 6		0.250	5
	4	S 202-K 4	2CDS 252 001 R0337	50736 3		0.250	5
	6	S 202-K 6	2CDS 252 001 R0377	50737 0		0.250	5
	8	S 202-K 8	2CDS 252 001 R0407	50738 7		0.250	5
	10	S 202-K 10	2CDS 252 001 R0427	50739 4		0.250	5
	13	S 202-K 13	2CDS 252 001 R0447	50740 0		0.250	5
	16	S 202-K 16	2CDS 252 001 R0467	50741 7		0.250	5
	20	S 202-K 20	2CDS 252 001 R0487	50742 4		0.250	5
	25	S 202-K 25	2CDS 252 001 R0517	50743 1		0.250	5
	32	S 202-K 32	2CDS 252 001 R0537	50744 8		0.250	5
	40	S 202-K 40	2CDS 252 001 R0557	50745 5		0.250	5
	50	S 202-K 50	2CDS 252 001 R0577	55116 8		0.250	5
	63	S 202-K 63	2CDS 252 001 R0607	55117 5		0.250	5
U _{Bmax} 440 V ~ 125 V ...							
①							
3	0.5	S 203-K 0.5	2CDS 253 001 R0157	50746 2		0.375	1
	1	S 203-K 1	2CDS 253 001 R0217	50747 9		0.375	1
	1.6	S 203-K 1.6	2CDS 253 001 R0257	50748 6		0.375	1
	2	S 203-K 2	2CDS 253 001 R0277	50749 3		0.375	1
	3	S 203-K 3	2CDS 253 001 R0317	50750 9		0.375	1
	4	S 203-K 4	2CDS 253 001 R0337	50751 6		0.375	1
	6	S 203-K 6	2CDS 253 001 R0377	50752 3		0.375	1
	8	S 203-K 8	2CDS 253 001 R0407	50753 0		0.375	1
	10	S 203-K 10	2CDS 253 001 R0427	49614 8		0.375	1
	13	S 203-K 13	2CDS 253 001 R0447	50754 7		0.375	1
	16	S 203-K 16	2CDS 253 001 R0467	49615 5		0.375	1
	20	S 203-K 20	2CDS 253 001 R0487	50755 4		0.375	1
	25	S 203-K 25	2CDS 253 001 R0517	50756 1		0.375	1
	32	S 203-K 32	2CDS 253 001 R0537	49616 2		0.375	1
	40	S 203-K 40	2CDS 253 001 R0557	50757 8		0.375	1
	50	S 203-K 50	2CDS 253 001 R0577	55118 2		0.375	1
	63	S 203-K 63	2CDS 253 001 R0607	55119 9		0.375	1
U _{Bmax} 440 V ~							

K



2CSC400419F0201

4	0.5	S 204-K 0.5	2CDS 254 001 R0157	52926 6	0.500	1
	1	S 204-K 1	2CDS 254 001 R0217	52927 3	0.500	1
	1.6	S 204-K 1.6	2CDS 254 001 R0257	52928 0	0.500	1
	2	S 204-K 2	2CDS 254 001 R0277	52929 7	0.500	1
	3	S 204-K 3	2CDS 254 001 R0317	52930 3	0.500	1
	4	S 204-K 4	2CDS 254 001 R0337	52931 0	0.500	1
	6	S 204-K 6	2CDS 254 001 R0377	52932 7	0.500	1
	8	S 204-K 8	2CDS 254 001 R0407	52933 4	0.500	1
	10	S 204-K 10	2CDS 254 001 R0427	52934 1	0.500	1
	13	S 204-K 13	2CDS 254 001 R0447	52935 8	0.500	1
	16	S 204-K 16	2CDS 254 001 R0467	52936 5	0.500	1
	20	S 204-K 20	2CDS 254 001 R0487	52937 2	0.500	1
	25	S 204-K 25	2CDS 254 001 R0517	52938 9	0.500	1
	32	S 204-K 32	2CDS 254 001 R0537	52939 6	0.500	1
	40	S 204-K 40	2CDS 254 001 R0557	52940 2	0.500	1
	50	S 204-K 50	2CDS 254 001 R0577	55122 9	0.500	1
	63	S 204-K 63	2CDS 254 001 R0607	55123 6	0.500	1

U_{Bmax}
440 V ~
60 V ...

① U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA



2CSC400421F0201

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1 + NA	0.5	S 201-K 0.5 NA	2CDS 251 103 R0157	53182 5		0.250	5
	1	S 201-K 1 NA	2CDS 251 103 R0217	53183 2		0.250	5
	1.6	S 201-K 1.6 NA	2CDS 251 103 R0257	53184 9		0.250	5
	2	S 201-K 2 NA	2CDS 251 103 R0277	53185 6		0.250	5
	3	S 201-K 3 NA	2CDS 251 103 R0317	53186 3		0.250	5
	4	S 201-K 4 NA	2CDS 251 103 R0337	53187 0		0.250	5
	6	S 201-K 6 NA	2CDS 251 103 R0377	53188 7		0.250	5
	8	S 201-K 8 NA	2CDS 251 103 R0407	53189 4		0.250	5
	10	S 201-K 10 NA	2CDS 251 103 R0427	53190 0		0.250	5
	13	S 201-K 13 NA	2CDS 251 103 R0447	53191 7		0.250	5
	16	S 201-K 16 NA	2CDS 251 103 R0467	53192 4		0.250	5
	20	S 201-K 20 NA	2CDS 251 103 R0487	53193 1		0.250	5
	25	S 201-K 25 NA	2CDS 251 103 R0517	53194 8		0.250	5
	32	S 201-K 32 NA	2CDS 251 103 R0537	53195 5		0.250	5
	40	S 201-K 40 NA	2CDS 251 103 R0557	53196 2		0.250	5
	50	S 201-K 50 NA	2CDS 251 103 R0577	55114 4		0.250	5
	63	S 201-K 63 NA	2CDS 251 103 R0607	55115 1		0.250	5

U_{Bmax}
253 V ~
72 V ...



2CSC400418F0201

3 + NA	0.5	S 203-K 0.5 NA	2CDS 253 103 R0157	53261 7		0.500	1
	1	S 203-K 1 NA	2CDS 253 103 R0217	53262 4		0.500	1
	1.6	S 203-K 1.6 NA	2CDS 253 103 R0257	53263 1		0.500	1
	2	S 203-K 2 NA	2CDS 253 103 R0277	53264 8		0.500	1
	3	S 203-K 3 NA	2CDS 253 103 R0317	53265 5		0.500	1
	4	S 203-K 4 NA	2CDS 253 103 R0337	53266 2		0.500	1
	6	S 203-K 6 NA	2CDS 253 103 R0377	53267 9		0.500	1
	8	S 203-K 8 NA	2CDS 253 103 R0407	53268 6		0.500	1
	10	S 203-K 10 NA	2CDS 253 103 R0427	53269 3		0.500	1
	13	S 203-K 13 NA	2CDS 253 103 R0447	53270 9		0.500	1
	16	S 203-K 16 NA	2CDS 253 103 R0467	53271 6		0.500	1
	20	S 203-K 20 NA	2CDS 253 103 R0487	53272 3		0.500	1
	25	S 203-K 25 NA	2CDS 253 103 R0517	53273 0		0.500	1
	32	S 203-K 32 NA	2CDS 253 103 R0537	53274 7		0.500	1
	40	S 203-K 40 NA	2CDS 253 103 R0557	53275 4		0.500	1
	50	S 203-K 50 NA	2CDS 253 103 R0577	55120 5		0.500	1
	63	S 203-K 63 NA	2CDS 253 103 R0607	55121 2		0.500	1

U_{Bmax}
440 V ~

Z

2



2CSC400423F0201



2CSC400416F0201



2CSC400417F0201



S 200 Z characteristic

Function: protection and control of the electronic circuits against weak and long duration overloads and short-circuits.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, VDE 0660 Part 101

Icu=6 kA (acc. to VDE 0660 Part 101)

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201-Z 0.5	2CDS 251 001 R0158	53030 9		0.125	10
	1	S 201-Z 1	2CDS 251 001 R0218	53033 0		0.125	10
	1.6	S 201-Z 1.6	2CDS 251 001 R0258	53034 7		0.125	10
	2	S 201-Z 2	2CDS 251 001 R0278	53035 4		0.125	10
	3	S 201-Z 3	2CDS 251 001 R0318	53036 1		0.125	10
	4	S 201-Z 4	2CDS 251 001 R0338	53037 8		0.125	10
	6	S 201-Z 6	2CDS 251 001 R0378	53040 8		0.125	10
	8	S 201-Z 8	2CDS 251 001 R0408	53041 5		0.125	10
	10	S 201-Z 10	2CDS 251 001 R0428	53042 2		0.125	10
	16	S 201-Z 16	2CDS 251 001 R0468	53043 9		0.125	10
	20	S 201-Z 20	2CDS 251 001 R0488	53044 6		0.125	10
	25	S 201-Z 25	2CDS 251 001 R0518	53045 3		0.125	10
	32	S 201-Z 32	2CDS 251 001 R0538	53046 0		0.125	10
	40	S 201-Z 40	2CDS 251 001 R0558	53047 7		0.125	10
	50	S 201-Z 50	2CDS 251 001 R0578	55191 5		0.125	10
	63	S 201-Z 63	2CDS 251 001 R0608	55192 2		0.125	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202-Z 0.5	2CDS 252 001 R0158	53068 2		0.250	5
	1	S 202-Z 1	2CDS 252 001 R0218	53067 5		0.250	5
	1.6	S 202-Z 1.6	2CDS 252 001 R0258	53069 9		0.250	5
	2	S 202-Z 2	2CDS 252 001 R0278	53070 5		0.250	5
	3	S 202-Z 3	2CDS 252 001 R0318	53071 2		0.250	5
	4	S 202-Z 4	2CDS 252 001 R0338	53072 9		0.250	5
	6	S 202-Z 6	2CDS 252 001 R0378	53073 6		0.250	5
	8	S 202-Z 8	2CDS 252 001 R0408	53074 3		0.250	5
	10	S 202-Z 10	2CDS 252 001 R0428	53075 0		0.250	5
	16	S 202-Z 16	2CDS 252 001 R0468	53076 7		0.250	5
	20	S 202-Z 20	2CDS 252 001 R0488	53077 4		0.250	5
	25	S 202-Z 25	2CDS 252 001 R0518	53078 1		0.250	5
	32	S 202-Z 32	2CDS 252 001 R0538	53079 8		0.250	5
	40	S 202-Z 40	2CDS 252 001 R0558	53080 4		0.250	5
	50	S 202-Z 50	2CDS 252 001 R0578	55193 9		0.250	5
	63	S 202-Z 63	2CDS 252 001 R0608	55194 6		0.250	5
U _{Bmax} 440 V ~ 125 V ... ①							
3	0.5	S 203-Z 0.5	2CDS 253 001 R0158	53097 2		0.375	1
	1	S 203-Z 1	2CDS 253 001 R0218	53098 9		0.375	1
	1.6	S 203-Z 1.6	2CDS 253 001 R0258	53099 6		0.375	1
	2	S 203-Z 2	2CDS 253 001 R0278	53100 9		0.375	1
	3	S 203-Z 3	2CDS 253 001 R0318	53101 6		0.375	1
	4	S 203-Z 4	2CDS 253 001 R0338	53102 3		0.375	1
	6	S 203-Z 6	2CDS 253 001 R0378	53103 0		0.375	1
	8	S 203-Z 8	2CDS 253 001 R0408	53104 7		0.375	1
	10	S 203-Z 10	2CDS 253 001 R0428	53105 4		0.375	1
	16	S 203-Z 16	2CDS 253 001 R0468	53106 1		0.375	1
	20	S 203-Z 20	2CDS 253 001 R0488	53107 8		0.375	1
	25	S 203-Z 25	2CDS 253 001 R0518	53108 5		0.375	1
	32	S 203-Z 32	2CDS 253 001 R0538	53109 2		0.375	1
	40	S 203-Z 40	2CDS 253 001 R0558	53110 8		0.375	1
	50	S 203-Z 50	2CDS 253 001 R0578	55195 3		0.375	1
	63	S 203-Z 63	2CDS 253 001 R0608	55196 0		0.375	1
U _{Bmax} 440 V ~							

Z



2CSC400419F0201



4	0.5	S 204-Z 0.5	2CDS 254 001 R0158	53024 8	0.500	1
	1	S 204-Z 1	2CDS 254 001 R0218	53132 0	0.500	1
	1.6	S 204-Z 1.6	2CDS 254 001 R0258	53144 3	0.500	1
	2	S 204-Z 2	2CDS 254 001 R0278	53143 6	0.500	1
	3	S 204-Z 3	2CDS 254 001 R0318	53133 7	0.500	1
	4	S 204-Z 4	2CDS 254 001 R0338	53134 4	0.500	1
	6	S 204-Z 6	2CDS 254 001 R0378	53135 1	0.500	1
	8	S 204-Z 8	2CDS 254 001 R0408	53136 8	0.500	1
	10	S 204-Z 10	2CDS 254 001 R0428	53137 5	0.500	1
	16	S 204-Z 16	2CDS 254 001 R0468	53138 2	0.500	1
	20	S 204-Z 20	2CDS 254 001 R0488	53139 9	0.500	1
	25	S 204-Z 25	2CDS 254 001 R0518	53140 5	0.500	1
	32	S 204-Z 32	2CDS 254 001 R0538	53141 2	0.500	1
	40	S 204-Z 40	2CDS 254 001 R0558	53142 9	0.500	1

U_{Bmax}
440 V ~
125 V ...
①

① U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA



2CSC400421F0201



Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1 + NA	0.5	S 201-Z 0.5 NA	2CDS 251 103 R0158	53214 3		0.260	5
	1	S 201-Z 1 NA	2CDS 251 103 R0218	53215 0		0.260	5
	1.6	S 201-Z 1.6 NA	2CDS 251 103 R0258	53216 7		0.260	5
	2	S 201-Z 2 NA	2CDS 251 103 R0278	53217 4		0.260	5
	3	S 201-Z 3 NA	2CDS 251 103 R0318	53218 1		0.260	5
	4	S 201-Z 4 NA	2CDS 251 103 R0338	53219 8		0.260	5
	6	S 201-Z 6 NA	2CDS 251 103 R0378	53220 4		0.260	5
	8	S 201-Z 8 NA	2CDS 251 103 R0408	53221 1		0.260	5
	10	S 201-Z 10 NA	2CDS 251 103 R0428	53222 8		0.260	5
	16	S 201-Z 16 NA	2CDS 251 103 R0468	53223 5		0.260	5
	20	S 201-Z 20 NA	2CDS 251 103 R0488	53224 2		0.260	5
	25	S 201-Z 25 NA	2CDS 251 103 R0518	53225 9		0.260	5
	32	S 201-Z 32 NA	2CDS 251 103 R0538	53226 6		0.260	5
	40	S 201-Z 40 NA	2CDS 251 103 R0558	53227 3		0.260	5

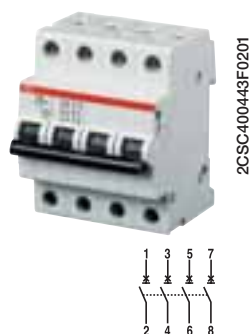
U_{Bmax}
253 V ~
72 V ...

3 + NA	0.5	S 203-Z 0.5 NA	2CDS 253 103 R0158	53292 1		0.520	1
	1	S 203-Z 1 NA	2CDS 253 103 R0218	53293 8		0.520	1
	1.6	S 203-Z 1.6 NA	2CDS 253 103 R0258	53294 5		0.520	1
	2	S 203-Z 2 NA	2CDS 253 103 R0278	53295 2		0.520	1
	3	S 203-Z 3 NA	2CDS 253 103 R0318	53297 6		0.520	1
	4	S 203-Z 4 NA	2CDS 253 103 R0338	53298 3		0.520	1
	6	S 203-Z 6 NA	2CDS 253 103 R0378	53299 0		0.520	1
	8	S 203-Z 8 NA	2CDS 253 103 R0408	53300 3		0.520	1
	10	S 203-Z 10 NA	2CDS 253 103 R0428	53301 0		0.520	1
	16	S 203-Z 16 NA	2CDS 253 103 R0468	53302 7		0.520	1
	20	S 203-Z 20 NA	2CDS 253 103 R0488	53305 8		0.520	1
	25	S 203-Z 25 NA	2CDS 253 103 R0518	53306 5		0.520	1
	32	S 203-Z 32 NA	2CDS 253 103 R0538	53307 2		0.520	1
	40	S 203-Z 40 NA	2CDS 253 103 R0558	53308 9		0.520	1

U_{Bmax}
440 V ~

B

2



S 200 M-B characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for people and big length cables in TN and IT systems.

Applications: residential, commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=10 kA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S 201 M-B 6	2CDS 271 001 R0065	54942 4		0.125	10
	10	S 201 M-B 10	2CDS 271 001 R0105	54943 1		0.125	10
	13	S 201 M-B 13	2CDS 271 001 R0135	54944 8		0.125	10
	16	S 201 M-B 16	2CDS 271 001 R0165	54945 5		0.125	10
	20 ①	S 201 M-B 20	2CDS 271 001 R0205	54946 2		0.125	10
	25	S 201 M-B 25	2CDS 271 001 R0255	54947 9		0.125	10
	32 ②	S 201 M-B 32	2CDS 271 001 R0325	54948 6		0.125	10
	40 ③	S 201 M-B 40	2CDS 271 001 R0405	54949 3		0.125	10
	50	S 201 M-B 50	2CDS 271 001 R0505	54381 1		0.125	10
	63	S 201 M-B 63	2CDS 271 001 R0635	54382 8		0.125	10
U_{Bmax} 253 V ~ 72 V ...							
2	6	S 202 M-B 6	2CDS 272 001 R0065	54958 5		0.250	5
	10	S 202 M-B 10	2CDS 272 001 R0105	54959 2		0.250	5
	13	S 202 M-B 13	2CDS 272 001 R0135	54960 8		0.250	5
	16	S 202 M-B 16	2CDS 272 001 R0165	54961 5		0.250	5
	20	S 202 M-B 20	2CDS 272 001 R0205	54962 2		0.250	5
	25	S 202 M-B 25	2CDS 272 001 R0255	54963 9		0.250	5
	32	S 202 M-B 32	2CDS 272 001 R0325	54964 6		0.250	5
	40	S 202 M-B 40	2CDS 272 001 R0405	54965 3		0.250	5
	50	S 202 M-B 50	2CDS 272 001 R0505	54385 9		0.250	5
	63	S 202 M-B 63	2CDS 272 001 R0635	54386 6		0.250	5
U_{Bmax} 440 V ~ 125 V ... ④							
3	6	S 203 M-B 6	2CDS 273 001 R0065	54966 0		0.375	1
	10	S 203 M-B 10	2CDS 273 001 R0105	54967 7		0.375	1
	13	S 203 M-B 13	2CDS 273 001 R0135	54968 4		0.375	1
	16	S 203 M-B 16	2CDS 273 001 R0165	54969 1		0.375	1
	20 ①	S 203 M-B 20	2CDS 273 001 R0205	54970 7		0.375	1
	25	S 203 M-B 25	2CDS 273 001 R0255	54971 4		0.375	1
	32 ②	S 203 M-B 32	2CDS 273 001 R0325	54972 1		0.375	1
	40 ③	S 203 M-B 40	2CDS 273 001 R0405	54973 8		0.375	1
	50	S 203 M-B 50	2CDS 273 001 R0505	54387 3		0.375	1
	63	S 203 M-B 63	2CDS 273 001 R0635	54388 0		0.375	1
U_{Bmax} 440 V ~							
4	6	S 204 M-B 6	2CDS 274 001 R0065	54982 0		0.500	1
	10	S 204 M-B 10	2CDS 274 001 R0105	54983 7		0.500	1
	13	S 204 M-B 13	2CDS 274 001 R0135	54984 4		0.500	1
	16	S 204 M-B 16	2CDS 274 001 R0165	54985 1		0.500	1
	20	S 204 M-B 20	2CDS 274 001 R0205	54986 8		0.500	1
	25	S 204 M-B 25	2CDS 274 001 R0255	54987 5		0.500	1
	32	S 204 M-B 32	2CDS 274 001 R0325	54988 2		0.500	1
	40	S 204 M-B 40	2CDS 274 001 R0405	54989 9		0.500	1
	50	S 204 M-B 50	2CDS 274 001 R0505	54391 0		0.500	1
	63	S 204 M-B 63	2CDS 274 001 R0635	54392 7		0.500	1
U_{Bmax} 440 V ~ 125 V ... ④							

① suitable for flow-type heaters 12 kW

② suitable for flow-type heaters 18 kW

③ suitable for flow-type heaters 21, 24 and 27 kW

④ U_{Bmax} 125 V ... with 2 poles connected in series

B



2CSC400421 F0201



2CSC400418 F0201



With disconnecting neutral NA

Number of poles	Rated current	Order details		Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN			kg	pc.
1	6	S 201 M-B 6 NA	2CDS 271 103 R0065	54950 9			0.250	5
+	10	S 201 M-B 10 NA	2CDS 271 103 R0105	54951 6			0.250	5
NA	13	S 201 M-B 13 NA	2CDS 271 103 R0135	54952 3			0.250	5
	16	S 201 M-B 16 NA	2CDS 271 103 R0165	54953 0			0.250	5
	20 ①	S 201 M-B 20 NA	2CDS 271 103 R0205	54954 7			0.250	5
	25	S 201 M-B 25 NA	2CDS 271 103 R0255	54955 4			0.250	5
	32 ②	S 201 M-B 32 NA	2CDS 271 103 R0325	54956 1			0.250	5
U _{Bmax} 253 V ~	40 ③	S 201 M-B 40 NA	2CDS 271 103 R0405	54957 8			0.250	5
72 V ...	50	S 201 M-B 50 NA	2CDS 271 103 R0505	54383 5			0.250	5
	63	S 201 M-B 63 NA	2CDS 271 103 R0635	54384 2			0.250	5
3	6	S 203 M-B 6 NA	2CDS 273 103 R0065	54974 5			0.500	1
+	10	S 203 M-B 10 NA	2CDS 273 103 R0105	54975 2			0.500	1
NA	13	S 203 M-B 13 NA	2CDS 273 103 R0135	54976 9			0.500	1
	16	S 203 M-B 16 NA	2CDS 273 103 R0165	54977 6			0.500	1
	20 ①	S 203 M-B 20 NA	2CDS 273 103 R0205	54978 3			0.500	1
	25	S 203 M-B 25 NA	2CDS 273 103 R0255	54979 0			0.500	1
	32 ②	S 203 M-B 32 NA	2CDS 273 103 R0325	54980 6			0.500	1
	40 ③	S 203 M-B 40 NA	2CDS 273 103 R0405	54981 3			0.500	1
U _{Bmax} 440 V ~	50	S 203 M-B 50 NA	2CDS 273 103 R0505	54389 7			0.500	1
	63	S 203 M-B 63 NA	2CDS 273 103 R0635	54390 3			0.580	1

① suitable for flow-type heaters 12 kW

② suitable for flow-type heaters 18 kW

③ suitable for flow-type heaters 21, 24 and 27 kW

2

C

2



2CSC400424F0201



2CSC400425F0201



2CSC400426F0201



S 200 M-C characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for resistive and inductive loads with low inrush current.

Applications: residential, commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

I_{cn}=10 kA

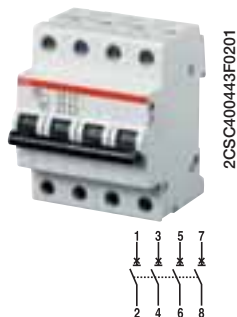
Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN	kg	pc.		
1	0.5	S 201 M-C 0.5	2CDS 271 001 R0984	54990 5		0.125	10
	1	S 201 M-C 1	2CDS 271 001 R0014	54992 9		0.125	10
	1.6	S 201 M-C 1.6	2CDS 271 001 R0974	54991 2		0.125	10
	2	S 201 M-C 2	2CDS 271 001 R0024	54993 6		0.125	10
	3	S 201 M-C 3	2CDS 271 001 R0034	54994 3		0.125	10
	4	S 201 M-C 4	2CDS 271 001 R0044	54995 0		0.125	10
	6	S 201 M-C 6	2CDS 271 001 R0064	54996 7		0.125	10
	8	S 201 M-C 8	2CDS 271 001 R0084	54997 4		0.125	10
	10	S 201 M-C 10	2CDS 271 001 R0104	54998 1		0.125	10
	13	S 201 M-C 13	2CDS 271 001 R0134	54999 8		0.125	10
	16	S 201 M-C 16	2CDS 271 001 R0164	55000 0		0.125	10
	20 ①	S 201 M-C 20	2CDS 271 001 R0204	55001 7		0.125	10
	25	S 201 M-C 25	2CDS 271 001 R0254	55002 4		0.125	10
	32 ②	S 201 M-C 32	2CDS 271 001 R0324	55003 1		0.125	10
	40 ③	S 201 M-C 40	2CDS 271 001 R0404	55004 8		0.125	10
	50	S 201 M-C 50	2CDS 271 001 R0504	54393 4		0.125	10
	63	S 201 M-C 63	2CDS 271 001 R0634	54394 1		0.125	10
2	0.5	S 202 M-C 0.5	2CDS 272 001 R0984	55020 8		0.250	5
	1	S 202 M-C 1	2CDS 272 001 R0014	55022 2		0.250	5
	1.6	S 202 M-C 1.6	2CDS 272 001 R0974	55021 5		0.250	5
	2	S 202 M-C 2	2CDS 272 001 R0024	55023 9		0.250	5
	3	S 202 M-C 3	2CDS 272 001 R0034	55024 6		0.250	5
	4	S 202 M-C 4	2CDS 272 001 R0044	55025 3		0.250	5
	6	S 202 M-C 6	2CDS 272 001 R0064	55026 0		0.250	5
	8	S 202 M-C 8	2CDS 272 001 R0084	55027 7		0.250	5
	10	S 202 M-C 10	2CDS 272 001 R0104	55028 4		0.250	5
	13	S 202 M-C 13	2CDS 272 001 R0134	55029 1		0.250	5
	16	S 202 M-C 16	2CDS 272 001 R0164	55030 7		0.250	5
	20	S 202 M-C 20	2CDS 272 001 R0204	55031 4		0.250	5
	25	S 202 M-C 25	2CDS 272 001 R0254	55032 1		0.250	5
	32	S 202 M-C 32	2CDS 272 001 R0324	55033 8		0.250	5
	40	S 202 M-C 40	2CDS 272 001 R0404	55034 5		0.250	5
	50	S 202 M-C 50	2CDS 272 001 R0504	54397 2		0.250	5
	63	S 202 M-C 63	2CDS 272 001 R0634	54398 9		0.250	5
3	0.5	S 203 M-C 0.5	2CDS 273 001 R0984	55035 2		0.375	1
	1	S 203 M-C 1	2CDS 273 001 R0014	55037 6		0.375	1
	1.6	S 203 M-C 1.6	2CDS 273 001 R0974	55036 9		0.375	1
	2	S 203 M-C 2	2CDS 273 001 R0024	55038 3		0.375	1
	3	S 203 M-C 3	2CDS 273 001 R0034	55039 0		0.375	1
	4	S 203 M-C 4	2CDS 273 001 R0044	55040 6		0.375	1
	6	S 203 M-C 6	2CDS 273 001 R0064	55041 3		0.375	1
	8	S 203 M-C 8	2CDS 273 001 R0084	55042 0		0.375	1
	10	S 203 M-C 10	2CDS 273 001 R0104	55043 7		0.375	1
	13	S 203 M-C 13	2CDS 273 001 R0134	55044 4		0.375	1
	16	S 203 M-C 16	2CDS 273 001 R0164	55045 1		0.375	1
	20 ①	S 203 M-C 20	2CDS 273 001 R0204	55046 8		0.375	1
	25	S 203 M-C 25	2CDS 273 001 R0254	55047 5		0.375	1
	32 ②	S 203 M-C 32	2CDS 273 001 R0324	55048 2		0.375	1
	40 ③	S 203 M-C 40	2CDS 273 001 R0404	55049 9		0.375	1
	50	S 203 M-C 50	2CDS 273 001 R0504	54399 6		0.375	1
	63	S 203 M-C 63	2CDS 273 001 R0634	54400 9		0.375	1

U_{Bmax}
253 V ~
72 V ...

U_{Bmax}
440 V ~
125 V ...
④

U_{Bmax}
440 V ~

C



2CSC400443F0201

4	0.5	S 204 M-C 0.5	2CDS 274 001 R0984	55065 9	0.500	1
	1	S 204 M-C 1	2CDS 274 001 R0014	55067 3	0.500	1
	1.6	S 204 M-C 1.6	2CDS 274 001 R0974	55066 6	0.500	1
	2	S 204 M-C 2	2CDS 274 001 R0024	55068 0	0.500	1
	3	S 204 M-C 3	2CDS 274 001 R0034	55069 7	0.500	1
	4	S 204 M-C 4	2CDS 274 001 R0044	55070 3	0.500	1
	6	S 204 M-C 6	2CDS 274 001 R0064	55071 0	0.500	1
	8	S 204 M-C 8	2CDS 274 001 R0084	55072 7	0.500	1
	10	S 204 M-C 10	2CDS 274 001 R0104	55073 4	0.500	1
	13	S 204 M-C 13	2CDS 274 001 R0134	55074 1	0.500	1
	16	S 204 M-C 16	2CDS 274 001 R0164	55075 8	0.500	1
	20	S 204 M-C 20	2CDS 274 001 R0204	55076 5	0.500	1
	25	S 204 M-C 25	2CDS 274 001 R0254	55077 2	0.500	1
	32	S 204 M-C 32	2CDS 274 001 R0324	55078 9	0.500	1
	40	S 204 M-C 40	2CDS 274 001 R0404	55079 6	0.500	1
	50	S 204 M-C 50	2CDS 274 001 R0504	54403 0	0.500	1
	63	S 204 M-C 63	2CDS 274 001 R0634	54404 7	0.500	1

U_{Bmax}
440 V ~
125 V ...

- ① suitable for flow-type heaters 12 kW ③ suitable for flow-type heaters 21, 24 and 27 kW
② suitable for flow-type heaters 18 kW ④ U_{Bmax} 125 V ... with 2 poles connected in series

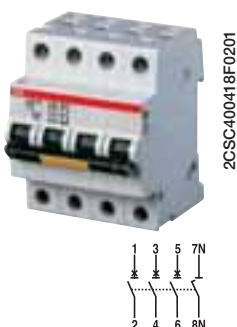
With disconnecting neutral NA



2CSC400420F0201

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1 + NA	0.5	S 201 M-C 0.5 NA	2CDS 271 103 R0984	55005 5		0.250	5
	1	S 201 M-C 1 NA	2CDS 271 103 R0014	55007 9		0.250	5
	1.6	S 201 M-C 1.6 NA	2CDS 271 103 R0974	55006 2		0.250	5
	2	S 201 M-C 2 NA	2CDS 271 103 R0024	55008 6		0.250	5
	3	S 201 M-C 3 NA	2CDS 271 103 R0034	55009 3		0.250	5
	4	S 201 M-C 4 NA	2CDS 271 103 R0044	55010 9		0.250	5
	6	S 201 M-C 6 NA	2CDS 271 103 R0064	55011 6		0.250	5
	8	S 201 M-C 8 NA	2CDS 271 103 R0084	55012 3		0.250	5
	10	S 201 M-C 10 NA	2CDS 271 103 R0104	55013 0		0.250	5
	13	S 201 M-C 13 NA	2CDS 271 103 R0134	55014 7		0.250	5
	16	S 201 M-C 16 NA	2CDS 271 103 R0164	55015 4		0.250	5
	20 ①	S 201 M-C 20 NA	2CDS 271 103 R0204	55016 1		0.250	5
	25	S 201 M-C 25 NA	2CDS 271 103 R0254	55017 8		0.250	5
	32 ②	S 201 M-C 32 NA	2CDS 271 103 R0324	55018 5		0.250	5
	40 ③	S 201 M-C 40 NA	2CDS 271 103 R0404	55019 2		0.250	5
	50	S 201 M-C 50 NA	2CDS 271 103 R0504	54395 8		0.250	5
	63	S 201 M-C 63 NA	2CDS 271 103 R0634	54396 5		0.250	5

U_{Bmax}
253 V ~
72 V ...



2CSC400418F0201

3 + NA	0.5	S 203 M-C 0.5 NA	2CDS 273 103 R0984	55051 2		0.500	1
	1	S 203 M-C 1 NA	2CDS 273 103 R0014	55052 9		0.500	1
	1.6	S 203 M-C 1.6 NA	2CDS 273 103 R0974	55050 5		0.500	1
	2	S 203 M-C 2 NA	2CDS 273 103 R0024	55053 6		0.500	1
	3	S 203 M-C 3 NA	2CDS 273 103 R0034	55054 3		0.500	1
	4	S 203 M-C 4 NA	2CDS 273 103 R0044	55055 0		0.500	1
	6	S 203 M-C 6 NA	2CDS 273 103 R0064	55056 7		0.500	1
	8	S 203 M-C 8 NA	2CDS 273 103 R0084	55057 4		0.500	1
	10	S 203 M-C 10 NA	2CDS 273 103 R0104	55058 1		0.500	1
	13	S 203 M-C 13 NA	2CDS 273 103 R0134	55059 8		0.500	1
	16	S 203 M-C 16 NA	2CDS 273 103 R0164	55060 4		0.500	1
	20 ①	S 203 M-C 20 NA	2CDS 273 103 R0204	55061 1		0.500	1
	25	S 203 M-C 25 NA	2CDS 273 103 R0254	55062 8		0.500	1
	32 ②	S 203 M-C 32 NA	2CDS 273 103 R0324	55063 5		0.500	1
	40 ③	S 203 M-C 40 NA	2CDS 273 103 R0404	55064 2		0.500	1
	50	S 203 M-C 50 NA	2CDS 273 103 R0504	54401 6		0.580	1
	63	S 203 M-C 63 NA	2CDS 273 103 R0634	54402 3		0.580	1

U_{Bmax}
440 V ~

- ① suitable for flow-type heaters 12 kW ③ suitable for flow-type heaters 21, 24 and 27 kW
② suitable for flow-type heaters 18 kW

10000

D



2CSC400424F0201

1
2

2CSC400425F0201

1 3
2 4

2CSC400426F0201

1 3 5
2 4 6

S 200 M-D characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for circuits which supply loads with high inrush current at the circuit closing (LV/LV transformers, break-down lamps).

Applications: residential, commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

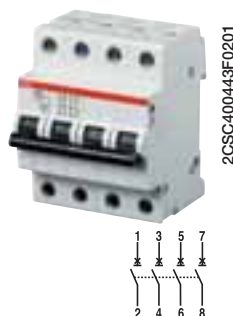
I_{cn}=10 kA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201 M-D 0.5	2CDS 271 001 R0981	59983 2		0.125	10
	1	S 201 M-D 1	2CDS 271 001 R0011	50031 3		0.125	10
	1.6	S 201 M-D 1.6	2CDS 271 001 R0971	59982 5		0.125	10
	2	S 201 M-D 2	2CDS 271 001 R0021	59933 7		0.125	10
	3	S 201 M-D 3	2CDS 271 001 R0031	59935 1		0.125	10
	4	S 201 M-D 4	2CDS 271 001 R0041	59935 7		0.125	10
	6	S 201 M-D 6	2CDS 271 001 R0061	59939 9		0.125	10
	8	S 201 M-D 8	2CDS 271 001 R0081	59940 5		0.125	10
	10	S 201 M-D 10	2CDS 271 001 R0101	59942 9		0.125	10
	13	S 201 M-D 13	2CDS 271 001 R0131	66326 7		0.125	10
	16	S 201 M-D 16	2CDS 271 001 R0161	59945 0		0.125	10
	20 ①	S 201 M-D 20	2CDS 271 001 R0201	50046 7		0.125	10
	25	S 201 M-D 25	2CDS 271 001 R0251	59949 8		0.125	10
	32 ②	S 201 M-D 32	2CDS 271 001 R0321	59956 6		0.125	10
	40 ③	S 201 M-D 40	2CDS 271 001 R0401	59961 0		0.125	10
	50	S 201 M-D 50	2CDS 271 001 R0501	59970 2		0.125	10
	63	S 201 M-D 63	2CDS 271 001 R0631	59981 8		0.125	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202 M-D 0.5	2CDS 272 001 R0981	60088 0		0.250	5
	1	S 202 M-D 1	2CDS 272 001 R0011	60036 1		0.250	5
	1.6	S 202 M-D 1.6	2CDS 272 001 R0971	60087 3		0.250	5
	2	S 202 M-D 2	2CDS 272 001 R0021	60038 5		0.250	5
	3	S 202 M-D 3	2CDS 272 001 R0031	60040 8		0.250	5
	4	S 202 M-D 4	2CDS 272 001 R0041	60042 2		0.250	5
	6	S 202 M-D 6	2CDS 272 001 R0061	60044 6		0.250	5
	8	S 202 M-D 8	2CDS 272 001 R0081	60045 3		0.250	5
	10	S 202 M-D 10	2CDS 272 001 R0101	60047 7		0.250	5
	13	S 202 M-D 13	2CDS 272 001 R0131	66327 4		0.250	5
	16	S 202 M-D 16	2CDS 272 001 R0161	60050 7		0.250	5
	20	S 202 M-D 20	2CDS 272 001 R0201	60051 4		0.250	5
	25	S 202 M-D 25	2CDS 272 001 R0251	60054 5		0.250	5
	32	S 202 M-D 32	2CDS 272 001 R0321	60061 3		0.250	5
	40	S 202 M-D 40	2CDS 272 001 R0401	60066 8		0.250	5
	50	S 202 M-D 50	2CDS 272 001 R0501	60075 0		0.250	5
	63	S 202 M-D 63	2CDS 272 001 R0631	60086 6		0.250	5
U _{Bmax} 440 V ~ 125 V ...							
3	0.5	S 203 M-D 0.5	2CDS 273 001 R0981	60141 2		0.375	1
	1	S 203 M-D 1	2CDS 273 001 R0011	60089 7		0.375	1
	1.6	S 203 M-D 1.6	2CDS 273 001 R0971	60140 5		0.375	1
	2	S 203 M-D 2	2CDS 273 001 R0021	60091 0		0.375	1
	3	S 203 M-D 3	2CDS 273 001 R0031	60093 4		0.375	1
	4	S 203 M-D 4	2CDS 273 001 R0041	60095 8		0.375	1
	6	S 203 M-D 6	2CDS 273 001 R0061	60097 2		0.375	1
	8	S 203 M-D 8	2CDS 273 001 R0081	60098 9		0.375	1
	10	S 203 M-D 10	2CDS 273 001 R0101	60100 9		0.375	1
	13	S 203 M-D 13	2CDS 273 001 R0131	66328 1		0.375	1
	16	S 203 M-D 16	2CDS 273 001 R0161	60103 0		0.375	1
	20 ①	S 203 M-D 20	2CDS 273 001 R0201	60104 7		0.375	1
	25	S 203 M-D 25	2CDS 273 001 R0251	60107 8		0.375	1
	32 ②	S 203 M-D 32	2CDS 273 001 R0321	60114 6		0.375	1
	40 ③	S 203 M-D 40	2CDS 273 001 R0401	60119 1		0.375	1
	50	S 203 M-D 50	2CDS 273 001 R0501	60128 3		0.375	1
	63	S 203 M-D 63	2CDS 273 001 R0631	60139 9		0.375	1
U _{Bmax} 440 V ~							

10000

2

D



2CSC400443F0201

4	0.5	S 204 M-D 0.5	2CDS 274 001 R0981	60214 3	0.500	1
	1	S 204 M-D 1	2CDS 274 001 R0011	60163 4	0.500	1
	1.6	S 204 M-D 1.6	2CDS 274 001 R0971	60213 6	0.500	1
	2	S 204 M-D 2	2CDS 274 001 R0021	60165 8	0.500	1
	3	S 204 M-D 3	2CDS 274 001 R0031	60167 2	0.500	1
	4	S 204 M-D 4	2CDS 274 001 R0041	60169 6	0.500	1
	6	S 204 M-D 6	2CDS 274 001 R0061	60171 9	0.500	1
	8	S 204 M-D 8	2CDS 274 001 R0081	60172 6	0.500	1
	10	S 204 M-D 10	2CDS 274 001 R0101	60174 0	0.500	1
	13	S 204 M-D 13	2CDS 274 001 R0131	66329 8	0.500	1
	16	S 204 M-D 16	2CDS 274 001 R0161	60177 1	0.500	1
	20	S 204 M-D 20	2CDS 274 001 R0201	60178 8	0.500	1
	25	S 204 M-D 25	2CDS 274 001 R0251	60181 8	0.500	1
	32	S 204 M-D 32	2CDS 274 001 R0321	60188 7	0.500	1
	40	S 204 M-D 40	2CDS 274 001 R0401	60193 1	0.500	1
	50	S 204 M-D 50	2CDS 274 001 R0501	60201 3	0.500	1
④	63	S 204 M-D 63	2CDS 274 001 R0631	60212 9	0.500	1

U_{Bmax}
440 V ~
125 V ...

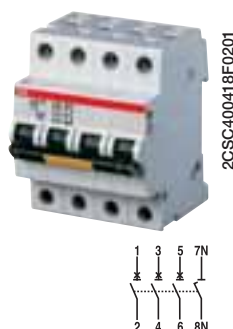
- ① suitable for flow-type heaters 12 kW
② suitable for flow-type heaters 18 kW

- ③ suitable for flow-type heaters 21, 24 and 27 kW
④ U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA



2CSC400420F0201



2CSC400418F0201

Number of poles	Rated current	Order details	Bbn	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	0.5	S 201 M-D 0.5 NA	2CDS 271 103 R0981	60035 4		0.250	5
+	1	S 201 M-D 1 NA	2CDS 271 103 R0011	59984 9		0.250	5
NA	1.6	S 201 M-D 1.6 NA	2CDS 271 103 R0971	60034 7		0.250	5
	2	S 201 M-D 2 NA	2CDS 271 103 R0021	59986 3		0.250	5
	3	S 201 M-D 3 NA	2CDS 271 103 R0031	59988 7		0.250	5
	4	S 201 M-D 4 NA	2CDS 271 103 R0041	59990 0		0.250	5
	6	S 201 M-D 6 NA	2CDS 271 103 R0061	59992 4		0.250	5
	8	S 201 M-D 8 NA	2CDS 271 103 R0081	59993 1		0.250	5
	10	S 201 M-D 10 NA	2CDS 271 103 R0101	59994 8		0.250	5
	13	S 201 M-D 13 NA	2CDS 271 103 R0131	66330 4		0.250	5
	16	S 201 M-D 16 NA	2CDS 271 103 R0161	59997 9		0.250	5
	20 ①	S 201 M-D 20 NA	2CDS 271 103 R0201	59998 6		0.250	5
	25	S 201 M-D 25 NA	2CDS 271 103 R0251	60001 9		0.250	5
	32 ②	S 201 M-D 32 NA	2CDS 271 103 R0321	60008 8		0.250	5
	40 ③	S 201 M-D 40 NA	2CDS 271 103 R0401	60013 2		0.250	5
	50	S 201 M-D 50 NA	2CDS 271 103 R0501	60022 4		0.290	5
	63	S 201 M-D 63 NA	2CDS 271 103 R0631	60033 0		0.290	5
3	0.5	S 203 M-D 0.5 NA	2CDS 273 103 R0981	66331 1		0.500	1
+	1	S 203 M-D 1 NA	2CDS 273 103 R0011	66332 8		0.500	1
NA	1.6	S 203 M-D 1.6 NA	2CDS 273 103 R0971	66333 5		0.500	1
	2	S 203 M-D 2 NA	2CDS 273 103 R0021	66334 2		0.500	1
	3	S 203 M-D 3 NA	2CDS 273 103 R0031	66335 9		0.500	1
	4	S 203 M-D 4 NA	2CDS 273 103 R0041	66336 6		0.500	1
	6	S 203 M-D 6 NA	2CDS 273 103 R0061	66337 3		0.500	1
	8	S 203 M-D 8 NA	2CDS 273 103 R0081	66338 0		0.500	1
	10	S 203 M-D 10 NA	2CDS 273 103 R0101	66339 7		0.500	1
	13	S 203 M-D 13 NA	2CDS 273 103 R0131	66340 3		0.500	1
	16	S 203 M-D 16 NA	2CDS 273 103 R0161	66341 0		0.500	1
	20 ①	S 203 M-D 20 NA	2CDS 273 103 R0201	66342 7		0.500	1
	25	S 203 M-D 25 NA	2CDS 273 103 R0251	66343 4		0.500	1
	32 ②	S 203 M-D 32 NA	2CDS 273 103 R0321	66344 1		0.500	1
	40 ③	S 203 M-D 40 NA	2CDS 273 103 R0401	66345 8		0.500	1
	50	S 203 M-D 50 NA	2CDS 273 103 R0501	66346 5		0.580	1
	63	S 203 M-D 63 NA	2CDS 273 103 R0631	66347 2		0.580	1

U_{Bmax}
253 V ~
72 V ...

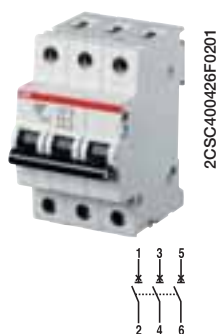
- ① suitable for flow-type heaters 12 kW
② suitable for flow-type heaters 18 kW

- ③ suitable for flow-type heaters 21, 24 and 27 kW

10000

K

2



S 200 M-K (power) characteristic

Function: protection and control of the circuits like motors, transformer and auxiliary circuits, against overloads and short-circuits.

Advantages: no nuisance tripping in the case of functional peak currents up to 10xI_n, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, VDE 0660 Part 101

I_{cu}=10 kA (acc. to VDE 0660 Part 101)

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201 M-K 0.5	2CDS 271 001 R0157	59943 6		0.125	10
	1	S 201 M-K 1	2CDS 271 001 R0217	59947 4		0.125	10
	1.6	S 201 M-K 1.6	2CDS 271 001 R0257	59950 4		0.125	10
	2	S 201 M-K 2	2CDS 271 001 R0277	59952 8		0.125	10
	3	S 201 M-K 3	2CDS 271 001 R0317	59954 2		0.125	10
	4	S 201 M-K 4	2CDS 271 001 R0337	59957 3		0.125	10
	6	S 201 M-K 6	2CDS 271 001 R0377	59959 7		0.125	10
	8	S 201 M-K 8	2CDS 271 001 R0407	59962 7		0.125	10
	10	S 201 M-K 10	2CDS 271 001 R0427	59964 1		0.125	10
	13	S 201 M-K 13	2CDS 271 001 R0447	65939 0		0.125	10
	16	S 201 M-K 16	2CDS 271 001 R0467	59966 5		0.125	10
	20	S 201 M-K 20	2CDS 271 001 R0487	59968 9		0.125	10
	25	S 201 M-K 25	2CDS 271 001 R0517	59971 9		0.125	10
	32	S 201 M-K 32	2CDS 271 001 R0537	59973 3		0.125	10
	40	S 201 M-K 40	2CDS 271 001 R0557	59975 7		0.125	10
	50	S 201 M-K 50	2CDS 271 001 R0577	59977 1		0.125	10
	63	S 201 M-K 63	2CDS 271 001 R0607	59979 5		0.125	10
U_{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202 M-K 0.5	2CDS 272 001 R0157	60048 4		0.250	5
	1	S 202 M-K 1	2CDS 272 001 R0217	60052 1		0.250	5
	1.6	S 202 M-K 1.6	2CDS 272 001 R0257	60055 2		0.250	5
	2	S 202 M-K 2	2CDS 272 001 R0277	60057 6		0.250	5
	3	S 202 M-K 3	2CDS 272 001 R0317	60059 0		0.250	5
	4	S 202 M-K 4	2CDS 272 001 R0337	60062 0		0.250	5
	6	S 202 M-K 6	2CDS 272 001 R0377	60064 4		0.250	5
	8	S 202 M-K 8	2CDS 272 001 R0407	60067 5		0.250	5
	10	S 202 M-K 10	2CDS 272 001 R0427	60069 9		0.250	5
	13	S 202 M-K 13	2CDS 272 001 R0447	65940 6		0.250	5
	16	S 202 M-K 16	2CDS 272 001 R0467	60071 2		0.250	5
	20	S 202 M-K 20	2CDS 272 001 R0487	60073 6		0.250	5
	25	S 202 M-K 25	2CDS 272 001 R0517	60076 7		0.250	5
	32	S 202 M-K 32	2CDS 272 001 R0537	60078 1		0.250	5
	40	S 202 M-K 40	2CDS 272 001 R0557	60080 4		0.250	5
	50	S 202 M-K 50	2CDS 272 001 R0577	60082 8		0.250	5
	63	S 202 M-K 63	2CDS 272 001 R0607	60084 2		0.250	5
U_{Bmax} 440 V ~ 125 V ...							
3	0.5	S 203 M-K 0.5	2CDS 273 001 R0157	60101 6		0.375	1
	1	S 203 M-K 1	2CDS 273 001 R0217	60105 4		0.375	1
	1.6	S 203 M-K 1.6	2CDS 273 001 R0257	60108 5		0.375	1
	2	S 203 M-K 2	2CDS 273 001 R0277	60110 8		0.375	1
	3	S 203 M-K 3	2CDS 273 001 R0317	60112 2		0.375	1
	4	S 203 M-K 4	2CDS 273 001 R0337	60115 3		0.375	1
	6	S 203 M-K 6	2CDS 273 001 R0377	60117 7		0.375	1
	8	S 203 M-K 8	2CDS 273 001 R0407	60120 7		0.375	1
	10	S 203 M-K 10	2CDS 273 001 R0427	60122 1		0.375	1
	13	S 203 M-K 13	2CDS 273 001 R0447	65941 3		0.375	1
	16	S 203 M-K 16	2CDS 273 001 R0467	60124 5		0.375	1
	20	S 203 M-K 20	2CDS 273 001 R0487	60126 9		0.375	1
	25	S 203 M-K 25	2CDS 273 001 R0517	60129 0		0.375	1
	32	S 203 M-K 32	2CDS 273 001 R0537	60131 3		0.375	1
	40	S 203 M-K 40	2CDS 273 001 R0557	60133 7		0.375	1
	50	S 203 M-K 50	2CDS 273 001 R0577	60135 1		0.375	1
	63	S 203 M-K 63	2CDS 273 001 R0607	60137 5		0.375	1
U_{Bmax} 440 V ~							

10000

2

K



2CSC40043F0201



2CSC021170F00006



2CSC400418F0201



4	0.5	S 204 M-K	0.5	2CDS 274 001 R0157	60175 7	0.500	1
	1	S 204 M-K	1	2CDS 274 001 R0217	60179 5	0.500	1
	1.6	S 204 M-K	1.6	2CDS 274 001 R0257	60182 5	0.500	1
	2	S 204 M-K	2	2CDS 274 001 R0277	60184 9	0.500	1
	3	S 204 M-K	3	2CDS 274 001 R0317	60186 3	0.500	1
	4	S 204 M-K	4	2CDS 274 001 R0337	60189 4	0.500	1
	6	S 204 M-K	6	2CDS 274 001 R0377	60191 7	0.500	1
	8	S 204 M-K	8	2CDS 274 001 R0407	60194 8	0.500	1
	10	S 204 M-K	10	2CDS 274 001 R0427	60196 2	0.500	1
	13	S 204 M-K	13	2CDS 274 001 R0447	65942 0	0.500	1
	16	S 204 M-K	16	2CDS 274 001 R0467	60198 6	0.500	1
	20	S 204 M-K	20	2CDS 274 001 R0487	60200 6	0.500	1
	25	S 204 M-K	25	2CDS 274 001 R0517	60202 0	0.500	1
	32	S 204 M-K	32	2CDS 274 001 R0537	60204 4	0.500	1
	40	S 204 M-K	40	2CDS 274 001 R0557	60206 8	0.500	1
	50	S 204 M-K	50	2CDS 274 001 R0577	60208 2	0.500	1
	63	S 204 M-K	63	2CDS 274 001 R0607	60210 5	0.500	1

① U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	0.5	S 201 M-K 0.5 NA	2CDS 271 103 R0157	59995 5		0.250	5
+	1	S 201 M-K 1 NA	2CDS 271 103 R0217	59999 3		0.250	5
NA	1.6	S 201 M-K 1.6 NA	2CDS 271 103 R0257	60002 6		0.250	5
	2	S 201 M-K 2 NA	2CDS 271 103 R0277	60004 0		0.250	5
	3	S 201 M-K 3 NA	2CDS 271 103 R0317	60006 4		0.250	5
	4	S 201 M-K 4 NA	2CDS 271 103 R0337	60009 5		0.250	5
	6	S 201 M-K 6 NA	2CDS 271 103 R0377	60011 8		0.250	5
	8	S 201 M-K 8 NA	2CDS 271 103 R0407	60014 9		0.250	5
	10	S 201 M-K 10 NA	2CDS 271 103 R0427	60016 3		0.250	5
	13	S 201 M-K 13 NA	2CDS 271 103 R0447	65943 7		0.250	5
	16	S 201 M-K 16 NA	2CDS 271 103 R0467	60018 7		0.250	5
	20	S 201 M-K 20 NA	2CDS 271 103 R0487	60020 0		0.250	5
	25	S 201 M-K 25 NA	2CDS 271 103 R0517	60023 1		0.250	5
	32	S 201 M-K 32 NA	2CDS 271 103 R0537	60025 5		0.250	5
	40	S 201 M-K 40 NA	2CDS 271 103 R0557	60027 9		0.250	5
	50	S 201 M-K 50 NA	2CDS 271 103 R0577	60029 3		0.250	5
	63	S 201 M-K 63 NA	2CDS 271 103 R0607	60031 6		0.250	5

3	0.5	S 203 M-K 0.5 NA	2CDS 273 103 R0157	65944 4		0.500	1
+	1	S 203 M-K 1 NA	2CDS 273 103 R0217	65045 1		0.500	1
NA	1.6	S 203 M-K 1.6 NA	2CDS 273 103 R0257	65946 8		0.500	1
	2	S 203 M-K 2 NA	2CDS 273 103 R0277	65947 5		0.500	1
	3	S 203 M-K 3 NA	2CDS 273 103 R0317	65948 2		0.500	1
	4	S 203 M-K 4 NA	2CDS 273 103 R0337	65949 9		0.500	1
	6	S 203 M-K 6 NA	2CDS 273 103 R0377	65950 5		0.500	1
	8	S 203 M-K 8 NA	2CDS 273 103 R0407	65951 2		0.500	1
	10	S 203 M-K 10 NA	2CDS 273 103 R0427	65952 9		0.500	1
	13	S 203 M-K 13 NA	2CDS 273 103 R0447	65953 6		0.500	1
	16	S 203 M-K 16 NA	2CDS 273 103 R0467	65954 3		0.500	1
	20	S 203 M-K 20 NA	2CDS 273 103 R0487	65955 0		0.500	1
	25	S 203 M-K 25 NA	2CDS 273 103 R0517	65956 7		0.500	1
	32	S 203 M-K 32 NA	2CDS 273 103 R0537	65957 4		0.500	1
	40	S 203 M-K 40 NA	2CDS 273 103 R0557	65958 1		0.500	1
	50	S 203 M-K 50 NA	2CDS 273 103 R0577	65960 4		0.500	1
	63	S 203 M-K 63 NA	2CDS 273 103 R0607	65961 1		0.500	1

10000

Z



2CSC400424F0201



2CDC021205F0006

1 3
2 4

2CSC400426F0201

1 3 5
2 4 6

S 200 M-Z characteristic

Function: protection and control of the electronic circuits against weak and long duration overloads and short-circuits.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, VDE 0660 Part 101

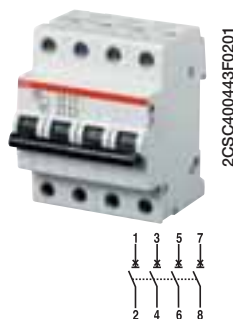
Icu=10 kA (acc. to VDE 0660 Part 101)

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201 M-Z 0.5	2CDS 271 001 R0158	59944 3		0.125	10
	1	S 201 M-Z 1	2CDS 271 001 R0218	59948 1		0.125	10
	1.6	S 201 M-Z 1.6	2CDS 271 001 R0258	59951 1		0.125	10
	2	S 201 M-Z 2	2CDS 271 001 R0278	59953 5		0.125	10
	3	S 201 M-Z 3	2CDS 271 001 R0318	59955 9		0.125	10
	4	S 201 M-Z 4	2CDS 271 001 R0338	59958 0		0.125	10
	6	S 201 M-Z 6	2CDS 271 001 R0378	59960 3		0.125	10
	8	S 201 M-Z 8	2CDS 271 001 R0408	59963 4		0.125	10
	10	S 201 M-Z 10	2CDS 271 001 R0428	59965 8		0.125	10
	16	S 201 M-Z 16	2CDS 271 001 R0468	59967 2		0.125	10
	20	S 201 M-Z 20	2CDS 271 001 R0488	59969 6		0.125	10
	25	S 201 M-Z 25	2CDS 271 001 R0518	59972 6		0.125	10
	32	S 201 M-Z 32	2CDS 271 001 R0538	59974 0		0.125	10
	40	S 201 M-Z 40	2CDS 271 001 R0558	59976 4		0.125	10
	50	S 201 M-Z 50	2CDS 271 001 R0578	59978 8		0.125	10
	63	S 201 M-Z 63	2CDS 271 001 R0608	59980 1		0.125	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202 M-Z 0.5	2CDS 272 001 R0158	60049 1		0.250	5
	1	S 202 M-Z 1	2CDS 272 001 R0218	60053 8		0.250	5
	1.6	S 202 M-Z 1.6	2CDS 272 001 R0258	60056 9		0.250	5
	2	S 202 M-Z 2	2CDS 272 001 R0278	60058 3		0.250	5
	3	S 202 M-Z 3	2CDS 272 001 R0318	60060 6		0.250	5
	4	S 202 M-Z 4	2CDS 272 001 R0338	60063 7		0.250	5
	6	S 202 M-Z 6	2CDS 272 001 R0378	60065 1		0.250	5
	8	S 202 M-Z 8	2CDS 272 001 R0408	60068 2		0.250	5
	10	S 202 M-Z 10	2CDS 272 001 R0428	60070 5		0.250	5
	16	S 202 M-Z 16	2CDS 272 001 R0468	60072 9		0.250	5
	20	S 202 M-Z 20	2CDS 272 001 R0488	60074 3		0.250	5
	25	S 202 M-Z 25	2CDS 272 001 R0518	60077 4		0.250	5
	32	S 202 M-Z 32	2CDS 272 001 R0538	60079 8		0.250	5
	40	S 202 M-Z 40	2CDS 272 001 R0558	60081 1		0.250	5
	50	S 202 M-Z 50	2CDS 272 001 R0578	60083 5		0.250	5
	63	S 202 M-Z 63	2CDS 272 001 R0608	60085 9		0.250	5
U _{Bmax} 440 V ~ 125 V ...							
3	0.5	S 203 M-Z 0.5	2CDS 273 001 R0158	60102 3		0.375	1
	1	S 203 M-Z 1	2CDS 273 001 R0218	60106 1		0.375	1
	1.6	S 203 M-Z 1.6	2CDS 273 001 R0258	60109 2		0.375	1
	2	S 203 M-Z 2	2CDS 273 001 R0278	60111 5		0.375	1
	3	S 203 M-Z 3	2CDS 273 001 R0318	60113 9		0.375	1
	4	S 203 M-Z 4	2CDS 273 001 R0338	60116 0		0.375	1
	6	S 203 M-Z 6	2CDS 273 001 R0378	60118 4		0.375	1
	8	S 203 M-Z 8	2CDS 273 001 R0408	60121 4		0.375	1
	10	S 203 M-Z 10	2CDS 273 001 R0428	60123 8		0.375	1
	16	S 203 M-Z 16	2CDS 273 001 R0468	60125 2		0.375	1
	20	S 203 M-Z 20	2CDS 273 001 R0488	60127 6		0.375	1
	25	S 203 M-Z 25	2CDS 273 001 R0518	60130 6		0.375	1
	32	S 203 M-Z 32	2CDS 273 001 R0538	60132 0		0.375	1
	40	S 203 M-Z 40	2CDS 273 001 R0558	60134 4		0.375	1
	50	S 203 M-Z 50	2CDS 273 001 R0578	60136 8		0.375	1
	63	S 203 M-Z 63	2CDS 273 001 R0608	60138 2		0.375	1
U _{Bmax} 440 V ~							

10000

2

Z



2SC40043F0201

4	0.5	S 204 M-Z	0.5	2CDS 274 001 R0158	60176 4	0.500	1
	1	S 204 M-Z	1	2CDS 274 001 R0218	60181 0	0.500	1
	1.6	S 204 M-Z	1.6	2CDS 274 001 R0258	60183 2	0.500	1
	2	S 204 M-Z	2	2CDS 274 001 R0278	60185 6	0.500	1
	3	S 204 M-Z	3	2CDS 274 001 R0318	60187 0	0.500	1
	4	S 204 M-Z	4	2CDS 274 001 R0338	60190 0	0.500	1
	6	S 204 M-Z	6	2CDS 274 001 R0378	60192 4	0.500	1
	8	S 204 M-Z	8	2CDS 274 001 R0408	60195 5	0.500	1
	10	S 204 M-Z	10	2CDS 274 001 R0428	60197 9	0.500	1
	16	S 204 M-Z	16	2CDS 274 001 R0468	60199 3	0.500	1
	20	S 204 M-Z	20	2CDS 274 001 R0488	65962 8	0.500	1
	25	S 204 M-Z	25	2CDS 274 001 R0518	60203 7	0.500	1
	32	S 204 M-Z	32	2CDS 274 001 R0538	60205 1	0.500	1
	40	S 204 M-Z	40	2CDS 274 001 R0558	60207 5	0.500	1

U_{Bmax}
440 V ~
125 V ...
①

① U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA



2CDC021204F0006

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1 + NA	0.5	S 201 M-Z 0.5 NA	2CDS 271 103 R0158	59996 2		0.260	5
	1	S 201 M-Z 1 NA	2CDS 271 103 R0218	60000 2		0.260	5
	1.6	S 201 M-Z 1.6 NA	2CDS 271 103 R0258	60003 3		0.260	5
	2	S 201 M-Z 2 NA	2CDS 271 103 R0278	60005 7		0.260	5
	3	S 201 M-Z 3 NA	2CDS 271 103 R0318	60007 1		0.260	5
	4	S 201 M-Z 4 NA	2CDS 271 103 R0338	60010 1		0.260	5
	6	S 201 M-Z 6 NA	2CDS 271 103 R0378	60012 5		0.260	5
	8	S 201 M-Z 8 NA	2CDS 271 103 R0408	60015 6		0.260	5
	10	S 201 M-Z 10 NA	2CDS 271 103 R0428	60017 0		0.260	5
	16	S 201 M-Z 16 NA	2CDS 271 103 R0468	60019 4		0.260	5
	20	S 201 M-Z 20 NA	2CDS 271 103 R0488	60021 7		0.260	5
	25	S 201 M-Z 25 NA	2CDS 271 103 R0518	60024 8		0.260	5
	32	S 201 M-Z 32 NA	2CDS 271 103 R0538	60026 2		0.260	5
	40	S 201 M-Z 40 NA	2CDS 271 103 R0558	60028 6		0.260	5

U_{Bmax}
253 V ~
72 V ...

3 + NA	0.5	S 203 M-Z 0.5 NA	2CDS 273 103 R0158	60147 4		0.520	1
	1	S 203 M-Z 1 NA	2CDS 273 103 R0218	60148 1		0.520	1
	1.6	S 203 M-Z 1.6 NA	2CDS 273 103 R0258	60149 8		0.520	1
	2	S 203 M-Z 2 NA	2CDS 273 103 R0278	60150 4		0.520	1
	3	S 203 M-Z 3 NA	2CDS 273 103 R0318	60151 1		0.520	1
	4	S 203 M-Z 4 NA	2CDS 273 103 R0338	60152 8		0.520	1
	6	S 203 M-Z 6 NA	2CDS 273 103 R0378	60153 5		0.520	1
	8	S 203 M-Z 8 NA	2CDS 273 103 R0408	60154 2		0.520	1
	10	S 203 M-Z 10 NA	2CDS 273 103 R0428	60155 9		0.520	1
	16	S 203 M-Z 16 NA	2CDS 273 103 R0468	60156 6		0.520	1
	20	S 203 M-Z 20 NA	2CDS 273 103 R0488	60157 3		0.520	1
	25	S 203 M-Z 25 NA	2CDS 273 103 R0518	60158 0		0.520	1
	32	S 203 M-Z 32 NA	2CDS 273 103 R0538	60159 7		0.520	1
	40	S 203 M-Z 40 NA	2CDS 273 103 R0558	60160 3		0.520	1

U_{Bmax}
440 V ~

B

2



2CSC400056F0201



2CSC400057F0201



2CSC400058F0201



2CSC400059F0201

S 200 P-B characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for people and big length cables in TN and IT systems.

Applications: commercial and industrial.

Standard: IEC/EN 60898

I_{cn}=25 kA for 0.5 A ≤ I_n ≤ 25 A

I_{cn}=15 kA for 32 A ≤ I_n ≤ 63 A

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S 201 P-B 6	2CDS 281 001 R0065	589574		0.14	10
	10	S 201 P-B 10	2CDS 281 001 R0105	589581		0.14	10
	13	S 201 P-B 13	2CDS 281 001 R0135	589598		0.14	10
	16	S 201 P-B 16	2CDS 281 001 R0165	589260		0.14	10
	20	S 201 P-B 20	2CDS 281 001 R0205	589604		0.14	10
	25	S 201 P-B 25	2CDS 281 001 R0255	589611		0.14	10
	32	S 201 P-B 32	2CDS 281 001 R0325	589628		0.14	10
	40	S 201 P-B 40	2CDS 281 001 R0405	589635		0.14	10
	50	S 201 P-B 50	2CDS 281 001 R0505	589659		0.14	10
	63	S 201 P-B 63	2CDS 281 001 R0635	589666		0.14	10
U _{Bmax} 253 V ~ 72 V ...							
2	6	S 202 P-B 6	2CDS 282 001 R0065	589673		0.28	5
	10	S 202 P-B 10	2CDS 282 001 R0105	589680		0.28	5
	13	S 202 P-B 13	2CDS 282 001 R0135	589697		0.28	5
	16	S 202 P-B 16	2CDS 282 001 R0165	589703		0.28	5
	20	S 202 P-B 20	2CDS 282 001 R0205	589710		0.28	5
	25	S 202 P-B 25	2CDS 282 001 R0255	589727		0.28	5
	32	S 202 P-B 32	2CDS 282 001 R0325	589734		0.28	5
	40	S 202 P-B 40	2CDS 282 001 R0405	589741		0.28	5
	50	S 202 P-B 50	2CDS 282 001 R0505	589758		0.28	5
	63	S 202 P-B 63	2CDS 282 001 R0635	589765		0.28	5
U _{Bmax} 440 V ~ 125 V ... ①							
3	6	S 203 P-B 6	2CDS 283 001 R0065	589772		0.42	1
	10	S 203 P-B 10	2CDS 283 001 R0105	589789		0.42	1
	13	S 203 P-B 13	2CDS 283 001 R0135	589796		0.42	1
	16	S 203 P-B 16	2CDS 283 001 R0165	589802		0.42	1
	20	S 203 P-B 20	2CDS 283 001 R0205	589819		0.42	1
	25	S 203 P-B 25	2CDS 283 001 R0255	589826		0.42	1
	32	S 203 P-B 32	2CDS 283 001 R0325	589833		0.42	1
	40	S 203 P-B 40	2CDS 283 001 R0405	589840		0.42	1
	50	S 203 P-B 50	2CDS 283 001 R0505	589857		0.42	1
	63	S 203 P-B 63	2CDS 283 001 R0635	589864		0.42	1
U _{Bmax} 440 V ~							
4	6	S 204 P-B 6	2CDS 284 001 R0065	589871		0.56	1
	10	S 204 P-B 10	2CDS 284 001 R0105	589888		0.56	1
	13	S 204 P-B 13	2CDS 284 001 R0135	589895		0.56	1
	16	S 204 P-B 16	2CDS 284 001 R0165	589901		0.56	1
	20	S 204 P-B 20	2CDS 284 001 R0205	589918		0.56	1
	25	S 204 P-B 25	2CDS 284 001 R0255	589925		0.56	1
	32	S 204 P-B 32	2CDS 284 001 R0325	589932		0.56	1
	40	S 204 P-B 40	2CDS 284 001 R0405	589949		0.56	1
	50	S 204 P-B 50	2CDS 284 001 R0505	589956		0.56	1
	63	S 204 P-B 63	2CDS 284 001 R0635	589963		0.56	1
U _{Bmax} 440 V ~ 125 V ... ①							

① U_{Bmax} 125 V ... with 2 poles connected in series

B



2CSC400060F0201



2CSC40062F0201



With disconnecting neutral NA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S 201 P-B 6 NA	2CDS 281 103 R0065	589970		0.28	5
+	10	S 201 P-B 10 NA	2CDS 281 103 R0105	589987		0.28	5
NA	13	S 201 P-B 13 NA	2CDS 281 103 R0135	589994		0.28	5
	16	S 201 P-B 16 NA	2CDS 281 103 R0165	590006		0.28	5
	20	S 201 P-B 20 NA	2CDS 281 103 R0205	590013		0.28	5
	25	S 201 P-B 25 NA	2CDS 281 103 R0255	590020		0.28	5
	32	S 201 P-B 32 NA	2CDS 281 103 R0325	590037		0.28	5
U _{Bmax} 253 V ~	40	S 201 P-B 40 NA	2CDS 281 103 R0405	590044		0.28	5
72 V ...	50	S 201 P-B 50 NA	2CDS 281 103 R0505	590051		0.28	5
	63	S 201 P-B 63 NA	2CDS 281 103 R0635	590068		0.28	5
3	6	S 203 P-B 6 NA	2CDS 283 103 R0065	590075		0.56	1
+	10	S 203 P-B 10 NA	2CDS 283 103 R0105	590082		0.56	1
NA	13	S 203 P-B 13 NA	2CDS 283 103 R0135	590099		0.56	1
	16	S 203 P-B 16 NA	2CDS 283 103 R0165	590105		0.56	1
	20	S 203 P-B 20 NA	2CDS 283 103 R0205	590112		0.56	1
	25	S 203 P-B 25 NA	2CDS 283 103 R0255	590129		0.56	1
	32	S 203 P-B 32 NA	2CDS 283 103 R0325	590136		0.56	1
	40	S 203 P-B 40 NA	2CDS 283 103 R0405	590143		0.56	1
U _{Bmax} 440 V ~	50	S 203 P-B 50 NA	2CDS 283 103 R0505	590150		0.56	1
	63	S 203 P-B 63 NA	2CDS 283 103 R0635	590167		0.56	1

2

C

2



2CSC400056F0201



2CSC400057F0201



2CSC400058F0201

S 200 P-C characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for resistive and inductive loads with low inrush current.

Applications: commercial and industrial.

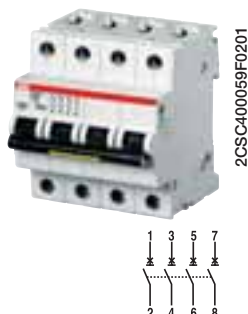
Standard: IEC/EN 60898

I_{cn}=25 kA for 0.5 A ≤ I_n ≤ 25 A

I_{cn}=15 kA for 32 A ≤ I_n ≤ 63 A

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201 P-C 0.5	2CDS 281 001 R0984	590174		0.14	10
	1	S 201 P-C 1	2CDS 281 001 R0014	590181		0.14	10
	1.6	S 201 P-C 1.6	2CDS 281 001 R0974	590198		0.14	10
	2	S 201 P-C 2	2CDS 281 001 R0024	590204		0.14	10
	3	S 201 P-C 3	2CDS 281 001 R0034	590211		0.14	10
	4	S 201 P-C 4	2CDS 281 001 R0044	590228		0.14	10
	6	S 201 P-C 6	2CDS 281 001 R0064	590235		0.14	10
	8	S 201 P-C 8	2CDS 281 001 R0084	590242		0.14	10
	10	S 201 P-C 10	2CDS 281 001 R0104	590259		0.14	10
	13	S 201 P-C 13	2CDS 281 001 R0134	590266		0.14	10
	16	S 201 P-C 16	2CDS 281 001 R0164	590273		0.14	10
	20	S 201 P-C 20	2CDS 281 001 R0204	590280		0.14	10
	25	S 201 P-C 25	2CDS 281 001 R0254	590297		0.14	10
	32	S 201 P-C 32	2CDS 281 001 R0324	590303		0.14	10
	40	S 201 P-C 40	2CDS 281 001 R0404	590310		0.14	10
	50	S 201 P-C 50	2CDS 281 001 R0504	590327		0.14	10
	63	S 201 P-C 63	2CDS 281 001 R0634	590334		0.14	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202 P-C 0.5	2CDS 282 001 R0984	590341		0.28	5
	1	S 202 P-C 1	2CDS 282 001 R0014	590358		0.28	5
	1.6	S 202 P-C 1.6	2CDS 282 001 R0974	590365		0.28	5
	2	S 202 P-C 2	2CDS 282 001 R0024	590372		0.28	5
	3	S 202 P-C 3	2CDS 282 001 R0034	590389		0.28	5
	4	S 202 P-C 4	2CDS 282 001 R0044	590396		0.28	5
	6	S 202 P-C 6	2CDS 282 001 R0064	590402		0.28	5
	8	S 202 P-C 8	2CDS 282 001 R0084	590419		0.28	5
	10	S 202 P-C 10	2CDS 282 001 R0104	590426		0.28	5
	13	S 202 P-C 13	2CDS 282 001 R0134	590433		0.28	5
	16	S 202 P-C 16	2CDS 282 001 R0164	590440		0.28	5
	20	S 202 P-C 20	2CDS 282 001 R0204	590457		0.28	5
	25	S 202 P-C 25	2CDS 282 001 R0254	590464		0.28	5
	32	S 202 P-C 32	2CDS 282 001 R0324	590471		0.28	5
	40	S 202 P-C 40	2CDS 282 001 R0404	590488		0.28	5
	50	S 202 P-C 50	2CDS 282 001 R0504	590495		0.28	5
	63	S 202 P-C 63	2CDS 282 001 R0634	590501		0.28	5
U _{Bmax} 440 V ~ 125 V ... (4)							
3	0.5	S 203 P-C 0.5	2CDS 283 001 R0984	590518		0.42	1
	1	S 203 P-C 1	2CDS 283 001 R0014	590525		0.42	1
	1.6	S 203 P-C 1.6	2CDS 283 001 R0974	590532		0.42	1
	2	S 203 P-C 2	2CDS 283 001 R0024	590549		0.42	1
	3	S 203 P-C 3	2CDS 283 001 R0034	590556		0.42	1
	4	S 203 P-C 4	2CDS 283 001 R0044	590563		0.42	1
	6	S 203 P-C 6	2CDS 283 001 R0064	590570		0.42	1
	8	S 203 P-C 8	2CDS 283 001 R0084	590587		0.42	1
	10	S 203 P-C 10	2CDS 283 001 R0104	590594		0.42	1
	13	S 203 P-C 13	2CDS 283 001 R0134	590600		0.42	1
	16	S 203 P-C 16	2CDS 283 001 R0164	590617		0.42	1
	20	S 203 P-C 20	2CDS 283 001 R0204	590624		0.42	1
	25	S 203 P-C 25	2CDS 283 001 R0254	590631		0.42	1
	32	S 203 P-C 32	2CDS 283 001 R0324	590648		0.42	1
	40	S 203 P-C 40	2CDS 283 001 R0404	590655		0.42	1
	50	S 203 P-C 50	2CDS 283 001 R0504	590662		0.42	1
	63	S 203 P-C 63	2CDS 283 001 R0634	590679		0.42	1
U _{Bmax} 440 V ~							

C



4	0.5	S 204 P-C	0.5	2CDS 284 001 R0984	590686	0.56	1
	1	S 204 P-C	1	2CDS 284 001 R0014	590693	0.56	1
	1.6	S 204 P-C	1.6	2CDS 284 001 R0974	590709	0.56	1
	2	S 204 P-C	2	2CDS 284 001 R0024	590716	0.56	1
	3	S 204 P-C	3	2CDS 284 001 R0034	590723	0.56	1
	4	S 204 P-C	4	2CDS 284 001 R0044	590730	0.56	1
	6	S 204 P-C	6	2CDS 284 001 R0064	590747	0.56	1
	8	S 204 P-C	8	2CDS 284 001 R0084	590754	0.56	1
	10	S 204 P-C	10	2CDS 284 001 R0104	590761	0.56	1
	13	S 204 P-C	13	2CDS 284 001 R0134	590778	0.56	1
	16	S 204 P-C	16	2CDS 284 001 R0164	590785	0.56	1
	20	S 204 P-C	20	2CDS 284 001 R0204	590792	0.56	1
	25	S 204 P-C	25	2CDS 284 001 R0254	590808	0.56	1
	32	S 204 P-C	32	2CDS 284 001 R0324	590815	0.56	1
	40	S 204 P-C	40	2CDS 284 001 R0404	590822	0.56	1
	50	S 204 P-C	50	2CDS 284 001 R0504	590839	0.56	1
	63	S 204 P-C	63	2CDS 284 001 R0634	590846	0.56	1

- ① suitable for flow-type heaters 12 kW
② suitable for flow-type heaters 18 kW

- ③ suitable for flow-type heaters 21, 24 and 27 kW
④ U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA



Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	0.5	S 201 P-C 0.5 NA	2CDS 281 103 R0984	590853		0.28	5
+	1	S 201 P-C 1 NA	2CDS 281 103 R0014	590860		0.28	5
NA	1.6	S 201 P-C 1.6 NA	2CDS 281 103 R0974	590877		0.28	5
	2	S 201 P-C 2 NA	2CDS 281 103 R0024	590884		0.28	5
	3	S 201 P-C 3 NA	2CDS 281 103 R0034	590891		0.28	5
	4	S 201 P-C 4 NA	2CDS 281 103 R0044	590907		0.28	5
	6	S 201 P-C 6 NA	2CDS 281 103 R0064	590914		0.28	5
	8	S 201 P-C 8 NA	2CDS 281 103 R0084	590921		0.28	5
	10	S 201 P-C 10 NA	2CDS 281 103 R0104	590938		0.28	5
	13	S 201 P-C 13 NA	2CDS 281 103 R0134	590945		0.28	5
	16	S 201 P-C 16 NA	2CDS 281 103 R0164	590952		0.28	5
	20	S 201 P-C 20 NA	2CDS 281 103 R0204	590969		0.28	5
	25	S 201 P-C 25 NA	2CDS 281 103 R0254	590976		0.28	5
	32	S 201 P-C 32 NA	2CDS 281 103 R0324	590983		0.28	5
	40	S 201 P-C 40 NA	2CDS 281 103 R0404	590990		0.28	5
	50	S 201 P-C 50 NA	2CDS 281 103 R0504	591003		0.28	5
	63	S 201 P-C 63 NA	2CDS 281 103 R0634	591010		0.28	5

3	0.5	S 203 P-C 0.5 NA	2CDS 283 103 R0984	591027		0.56	1
+	1	S 203 P-C 1 NA	2CDS 283 103 R0014	591034		0.56	1
NA	1.6	S 203 P-C 1.6 NA	2CDS 283 103 R0974	591041		0.56	1
	2	S 203 P-C 2 NA	2CDS 283 103 R0024	591058		0.56	1
	3	S 203 P-C 3 NA	2CDS 283 103 R0034	591065		0.56	1
	4	S 203 P-C 4 NA	2CDS 283 103 R0044	591072		0.56	1
	6	S 203 P-C 6 NA	2CDS 283 103 R0064	591089		0.56	1
	8	S 203 P-C 8 NA	2CDS 283 103 R0084	591096		0.56	1
	10	S 203 P-C 10 NA	2CDS 283 103 R0104	591102		0.56	1
	13	S 203 P-C 13 NA	2CDS 283 103 R0134	591119		0.56	1
	16	S 203 P-C 16 NA	2CDS 283 103 R0164	591126		0.56	1
	20	S 203 P-C 20 NA	2CDS 283 103 R0204	591133		0.56	1
	25	S 203 P-C 25 NA	2CDS 283 103 R0254	591140		0.56	1
	32	S 203 P-C 32 NA	2CDS 283 103 R0324	591157		0.56	1
	40	S 203 P-C 40 NA	2CDS 283 103 R0404	591164		0.56	1
	50	S 203 P-C 50 NA	2CDS 283 103 R0504	591171		0.56	1
	63	S 203 P-C 63 NA	2CDS 283 103 R0634	591188		0.56	1

D

2



2CSC400056F0201



2CSC400057F0201



2CSC400058F0201

S 200 P-D characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for circuits which supply loads with high inrush current at the circuit closing (LV/LV transformers, breakdown lamps).

Applications: commercial and industrial.

Standard: IEC/EN 60898

I_{cn}=25 kA for 0.5 A ≤ I_n ≤ 25 A

I_{cn}=15 kA for 32 A ≤ I_n ≤ 63 A

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201 P-D 0.5	2CDS 281 001 R0981	591195		0.14	10
	1	S 201 P-D 1	2CDS 281 001 R0011	591201		0.14	10
	1.6	S 201 P-D 1.6	2CDS 281 001 R0971	591218		0.14	10
	2	S 201 P-D 2	2CDS 281 001 R0021	591225		0.14	10
	3	S 201 P-D 3	2CDS 281 001 R0031	591232		0.14	10
	4	S 201 P-D 4	2CDS 281 001 R0041	591249		0.14	10
	6	S 201 P-D 6	2CDS 281 001 R0061	591256		0.14	10
	8	S 201 P-D 8	2CDS 281 001 R0081	591263		0.14	10
	10	S 201 P-D 10	2CDS 281 001 R0101	591270		0.14	10
	13	S 201 P-D 13	2CDS 281 001 R0131	591287		0.14	10
	16	S 201 P-D 16	2CDS 281 001 R0161	591294		0.14	10
	20	S 201 P-D 20	2CDS 281 001 R0201	591300		0.14	10
	25	S 201 P-D 25	2CDS 281 001 R0251	591317		0.14	10
	32	S 201 P-D 32	2CDS 281 001 R0321	591324		0.14	10
	40	S 201 P-D 40	2CDS 281 001 R0401	591331		0.14	10
	50	S 201 P-D 50	2CDS 281 001 R0501	591348		0.14	10
	63	S 201 P-D 63	2CDS 281 001 R0631	591355		0.14	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202 P-D 0.5	2CDS 282 001 R0981	591362		0.28	5
	1	S 202 P-D 1	2CDS 282 001 R0011	591379		0.28	5
	1.6	S 202 P-D 1.6	2CDS 282 001 R0971	591386		0.28	5
	2	S 202 P-D 2	2CDS 282 001 R0021	591393		0.28	5
	3	S 202 P-D 3	2CDS 282 001 R0031	591409		0.28	5
	4	S 202 P-D 4	2CDS 282 001 R0041	591416		0.28	5
	6	S 202 P-D 6	2CDS 282 001 R0061	591423		0.28	5
	8	S 202 P-D 8	2CDS 282 001 R0081	591430		0.28	5
	10	S 202 P-D 10	2CDS 282 001 R0101	591447		0.28	5
	13	S 202 P-D 13	2CDS 282 001 R0131	591454		0.28	5
	16	S 202 P-D 16	2CDS 282 001 R0161	591461		0.28	5
	20	S 202 P-D 20	2CDS 282 001 R0201	591478		0.28	5
	25	S 202 P-D 25	2CDS 282 001 R0251	591485		0.28	5
	32	S 202 P-D 32	2CDS 282 001 R0321	591492		0.28	5
	40	S 202 P-D 40	2CDS 282 001 R0401	591508		0.28	5
	50	S 202 P-D 50	2CDS 282 001 R0501	591515		0.28	5
	63	S 202 P-D 63	2CDS 282 001 R0631	591522		0.28	5
U _{Bmax} 440 V ~ 125 V ... (4)							
3	0.5	S 203 P-D 0.5	2CDS 283 001 R0981	591539		0.42	1
	1	S 203 P-D 1	2CDS 283 001 R0011	591546		0.42	1
	1.6	S 203 P-D 1.6	2CDS 283 001 R0971	591553		0.42	1
	2	S 203 P-D 2	2CDS 283 001 R0021	591560		0.42	1
	3	S 203 P-D 3	2CDS 283 001 R0031	591577		0.42	1
	4	S 203 P-D 4	2CDS 283 001 R0041	591584		0.42	1
	6	S 203 P-D 6	2CDS 283 001 R0061	591591		0.42	1
	8	S 203 P-D 8	2CDS 283 001 R0081	591607		0.42	1
	10	S 203 P-D 10	2CDS 283 001 R0101	591614		0.42	1
	13	S 203 P-D 13	2CDS 283 001 R0131	591621		0.42	1
	16	S 203 P-D 16	2CDS 283 001 R0161	591638		0.42	1
	20	S 203 P-D 20	2CDS 283 001 R0201	591645		0.42	1
	25	S 203 P-D 25	2CDS 283 001 R0251	591652		0.42	1
	32	S 203 P-D 32	2CDS 283 001 R0321	591669		0.42	1
	40	S 203 P-D 40	2CDS 283 001 R0401	591676		0.42	1
	50	S 203 P-D 50	2CDS 283 001 R0501	591683		0.42	1
	63	S 203 P-D 63	2CDS 283 001 R0631	591690		0.42	1
U _{Bmax} 440 V ~							

D



4	0.5	S 204 P-D 0.5	2CDS 284 001 R0981	591706	0.56	1
	1	S 204 P-D 1	2CDS 284 001 R0011	591713	0.56	1
	1.6	S 204 P-D 1.6	2CDS 284 001 R0971	591720	0.56	1
	2	S 204 P-D 2	2CDS 284 001 R0021	591737	0.56	1
	3	S 204 P-D 3	2CDS 284 001 R0031	591744	0.56	1
	4	S 204 P-D 4	2CDS 284 001 R0041	591751	0.56	1
	6	S 204 P-D 6	2CDS 284 001 R0061	591768	0.56	1
	8	S 204 P-D 8	2CDS 284 001 R0081	591775	0.56	1
	10	S 204 P-D 10	2CDS 284 001 R0101	591782	0.56	1
	13	S 204 P-D 13	2CDS 284 001 R0131	591799	0.56	1
	16	S 204 P-D 16	2CDS 284 001 R0161	591805	0.56	1
	20	S 204 P-D 20	2CDS 284 001 R0201	591812	0.56	1
	25	S 204 P-D 25	2CDS 284 001 R0251	591829	0.56	1
	32	S 204 P-D 32	2CDS 284 001 R0321	591836	0.56	1
	40	S 204 P-D 40	2CDS 284 001 R0401	591843	0.56	1
	50	S 204 P-D 50	2CDS 284 001 R0501	591850	0.56	1
	63	S 204 P-D 63	2CDS 284 001 R0631	591867	0.56	1

U_{Bmax}
440 V ~
125 V ...
④

- ① suitable for flow-type heaters 12 kW
② suitable for flow-type heaters 18 kW
③ suitable for flow-type heaters 21, 24 and 27 kW
④ U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA



Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1 + NA	0.5	S 201 P-D 0.5 NA	2CDS 281 103 R0981	591874		0.28	5
	1	S 201 P-D 1 NA	2CDS 281 103 R0011	591881		0.28	5
	1.6	S 201 P-D 1.6 NA	2CDS 281 103 R0971	591898		0.28	5
	2	S 201 P-D 2 NA	2CDS 281 103 R0021	591904		0.28	5
	3	S 201 P-D 3 NA	2CDS 281 103 R0031	591911		0.28	5
	4	S 201 P-D 4 NA	2CDS 281 103 R0041	591928		0.28	5
	6	S 201 P-D 6 NA	2CDS 281 103 R0061	591935		0.28	5
	8	S 201 P-D 8 NA	2CDS 281 103 R0081	591942		0.28	5
	10	S 201 P-D 10 NA	2CDS 281 103 R0101	591959		0.28	5
	13	S 201 P-D 13 NA	2CDS 281 103 R0131	591966		0.28	5
	16	S 201 P-D 16 NA	2CDS 281 103 R0161	591973		0.28	5
	20	S 201 P-D 20 NA	2CDS 281 103 R0201	591980		0.28	5
	25	S 201 P-D 25 NA	2CDS 281 103 R0251	591997		0.28	5
	32	S 201 P-D 32 NA	2CDS 281 103 R0321	592000		0.28	5
	40	S 201 P-D 40 NA	2CDS 281 103 R0401	592017		0.28	5
	50	S 201 P-D 50 NA	2CDS 281 103 R0501	592024		0.28	5
	63	S 201 P-D 63 NA	2CDS 281 103 R0631	592031		0.28	5

U_{Bmax}
253 V ~
72 V ...



3 + NA	0.5	S 203 P-D 0.5 NA	2CDS 283 103 R0981	592048		0.56	1
	1	S 203 P-D 1 NA	2CDS 283 103 R0011	592055		0.56	1
	1.6	S 203 P-D 1.6 NA	2CDS 283 103 R0971	592062		0.56	1
	2	S 203 P-D 2 NA	2CDS 283 103 R0021	592079		0.56	1
	3	S 203 P-D 3 NA	2CDS 283 103 R0031	592086		0.56	1
	4	S 203 P-D 4 NA	2CDS 283 103 R0041	592093		0.56	1
	6	S 203 P-D 6 NA	2CDS 283 103 R0061	592109		0.56	1
	8	S 203 P-D 8 NA	2CDS 283 103 R0081	592116		0.56	1
	10	S 203 P-D 10 NA	2CDS 283 103 R0101	592123		0.56	1
	13	S 203 P-D 13 NA	2CDS 283 103 R0131	592130		0.56	1
	16	S 203 P-D 16 NA	2CDS 283 103 R0161	592147		0.56	1
	20	S 203 P-D 20 NA	2CDS 283 103 R0201	592154		0.56	1
	25	S 203 P-D 25 NA	2CDS 283 103 R0251	592161		0.56	1
	32	S 203 P-D 32 NA	2CDS 283 103 R0321	592178		0.56	1
	40	S 203 P-D 40 NA	2CDS 283 103 R0401	592185		0.56	1
	50	S 203 P-D 50 NA	2CDS 283 103 R0501	592192		0.56	1
	63	S 203 P-D 63 NA	2CDS 283 103 R0631	592208		0.56	1

U_{Bmax}
440 V ~

K

2



2CSC400002F0201



2CSC400004F0201



2CSC400128F0201

S 200 P-K (power) characteristic

Function: protection and control of the circuits like motors, transformers and auxiliary circuits, against overloads and short-circuits.

Advantages: no nuisance tripping in the case of functional peak currents up to 10xI_n, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, VDE 0660 Part 101

I_{cu}=25 kA for 0.5 A ≤ I_n ≤ 25 A; I_{cu}=15 kA for 32 A ≤ I_n ≤ 63 A (acc. to VDE 0660 Part 101)

Number of poles	Rated current	Order details	Bbn	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.2	S 201 P-K 0.2	2CDS 281 001 R0087	592215		0.14	10
	0.3	S 201 P-K 0.3	2CDS 281 001 R0117	592222		0.14	10
	0.5	S 201 P-K 0.5	2CDS 281 001 R0157	592239		0.14	10
	0.75	S 201 P-K 0.75	2CDS 281 001 R0187	592246		0.14	10
	1	S 201 P-K 1	2CDS 281 001 R0217	592253		0.14	10
	1.6	S 201 P-K 1.6	2CDS 281 001 R0257	592260		0.14	10
	2	S 201 P-K 2	2CDS 281 001 R0277	592277		0.14	10
	3	S 201 P-K 3	2CDS 281 001 R0317	592284		0.14	10
	4	S 201 P-K 4	2CDS 281 001 R0337	592291		0.14	10
	6	S 201 P-K 6	2CDS 281 001 R0377	592307		0.14	10
	8	S 201 P-K 8	2CDS 281 001 R0407	592314		0.14	10
	10	S 201 P-K 10	2CDS 281 001 R0427	592321		0.14	10
	13	S 201 P-K 13	2CDS 281 001 R0447	592338		0.14	10
	16	S 201 P-K 16	2CDS 281 001 R0467	592345		0.14	10
	20	S 201 P-K 20	2CDS 281 001 R0487	592352		0.14	10
	25	S 201 P-K 25	2CDS 281 001 R0517	592369		0.14	10
	32	S 201 P-K 32	2CDS 281 001 R0537	592376		0.14	10
	40	S 201 P-K 40	2CDS 281 001 R0557	592383		0.14	10
	50	S 201 P-K 50	2CDS 281 001 R0577	592390		0.14	10
	63	S 201 P-K 63	2CDS 281 001 R0607	592406		0.14	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.2	S 202 P-K 0.2	2CDS 282 001 R0087	592413		0.28	5
	0.3	S 202 P-K 0.3	2CDS 282 001 R0117	592420		0.28	5
	0.5	S 202 P-K 0.5	2CDS 282 001 R0157	592437		0.28	5
	0.75	S 202 P-K 0.75	2CDS 282 001 R0187	592444		0.28	5
	1	S 202 P-K 1	2CDS 282 001 R0217	592451		0.28	5
	1.6	S 202 P-K 1.6	2CDS 282 001 R0257	592468		0.28	5
	2	S 202 P-K 2	2CDS 282 001 R0277	592475		0.28	5
	3	S 202 P-K 3	2CDS 282 001 R0317	592482		0.28	5
	4	S 202 P-K 4	2CDS 282 001 R0337	592499		0.28	5
	6	S 202 P-K 6	2CDS 282 001 R0377	592505		0.28	5
	8	S 202 P-K 8	2CDS 282 001 R0407	592512		0.28	5
	10	S 202 P-K 10	2CDS 282 001 R0427	592529		0.28	5
	13	S 202 P-K 13	2CDS 282 001 R0447	592536		0.28	5
	16	S 202 P-K 16	2CDS 282 001 R0467	592543		0.28	5
	20	S 202 P-K 20	2CDS 282 001 R0487	592550		0.28	5
	25	S 202 P-K 25	2CDS 282 001 R0517	592567		0.28	5
	32	S 202 P-K 32	2CDS 282 001 R0537	592574		0.28	5
	40	S 202 P-K 40	2CDS 282 001 R0557	592581		0.28	5
	50	S 202 P-K 50	2CDS 282 001 R0577	592598		0.28	5
	63	S 202 P-K 63	2CDS 282 001 R0607	592604		0.28	5
U _{Bmax} 440 V ~ 125 V ...							
3	0.2	S 203 P-K 0.2	2CDS 283 001 R0087	592611		0.42	1
	0.3	S 203 P-K 0.3	2CDS 283 001 R0117	592628		0.42	1
	0.5	S 203 P-K 0.5	2CDS 283 001 R0157	592635		0.42	1
	0.75	S 203 P-K 0.75	2CDS 283 001 R0187	592642		0.42	1
	1	S 203 P-K 1	2CDS 283 001 R0217	592659		0.42	1
	1.6	S 203 P-K 1.6	2CDS 283 001 R0257	592666		0.42	1
	2	S 203 P-K 2	2CDS 283 001 R0277	592673		0.42	1
	3	S 203 P-K 3	2CDS 283 001 R0317	592680		0.42	1
	4	S 203 P-K 4	2CDS 283 001 R0337	592697		0.42	1
	6	S 203 P-K 6	2CDS 283 001 R0377	592703		0.42	1
	8	S 203 P-K 8	2CDS 283 001 R0407	592710		0.42	1
	10	S 203 P-K 10	2CDS 283 001 R0427	592727		0.42	1
4	13	S 203 P-K 13	2CDS 283 001 R0447	592734		0.42	1
	16	S 203 P-K 16	2CDS 283 001 R0467	592741		0.42	1
	20	S 203 P-K 20	2CDS 283 001 R0487	592758		0.42	1
U _{Bmax} 440 V ~							



25	S 203 P-K 25	2CDS 283 001 R0517	592765	0.42	1
32	S 203 P-K 32	2CDS 283 001 R0537	592772	0.42	1
40	S 203 P-K 40	2CDS 283 001 R0557	592789	0.42	1
50	S 203 P-K 50	2CDS 283 001 R0577	592796	0.42	1
63	S 203 P-K 63	2CDS 283 001 R0607	592802	0.42	1
4	0.2 S 204 P-K 0.2	2CDS 284 001 R0087	592819	0.56	1
	0.3 S 204 P-K 0.3	2CDS 284 001 R0117	592826	0.56	1
	0.5 S 204 P-K 0.5	2CDS 284 001 R0157	592833	0.56	1
	0.75 S 204 P-K 0.75	2CDS 284 001 R0187	592840	0.56	1
	1 S 204 P-K 1	2CDS 284 001 R0217	592857	0.56	1
	1.6 S 204 P-K 1.6	2CDS 284 001 R0257	592864	0.56	1
	2 S 204 P-K 2	2CDS 284 001 R0277	592871	0.56	1
	3 S 204 P-K 3	2CDS 284 001 R0317	592888	0.56	1
	4 S 204 P-K 4	2CDS 284 001 R0337	592895	0.56	1
	6 S 204 P-K 6	2CDS 284 001 R0377	592901	0.56	1
	8 S 204 P-K 8	2CDS 284 001 R0407	592918	0.56	1
	10 S 204 P-K 10	2CDS 284 001 R0427	592925	0.56	1
	13 S 204 P-K 13	2CDS 284 001 R0447	592932	0.56	1
	16 S 204 P-K 16	2CDS 284 001 R0467	592949	0.56	1
	20 S 204 P-K 20	2CDS 284 001 R0487	592956	0.56	1
	25 S 204 P-K 25	2CDS 284 001 R0517	592963	0.56	1
	32 S 204 P-K 32	2CDS 284 001 R0537	592970	0.56	1
	40 S 204 P-K 40	2CDS 284 001 R0557	592987	0.56	1
	50 S 204 P-K 50	2CDS 284 001 R0577	592994	0.56	1
	63 S 204 P-K 63	2CDS 284 001 R0607	593007	0.56	1

U_{Bmax}
440 V ~
60 V ...

① U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.2	S 201 P-K 0.2 NA	2CDS 281 103 R0087	593014		0.28	5
+ NA	0.3	S 201 P-K 0.3 NA	2CDS 281 103 R0117	593021		0.28	5
	0.5	S 201 P-K 0.5 NA	2CDS 281 103 R0157	593038		0.28	5
	0.75	S 201 P-K 0.75 NA	2CDS 281 103 R0187	593045		0.28	5
	1	S 201 P-K 1 NA	2CDS 281 103 R0217	593052		0.28	5
	1.6	S 201 P-K 1.6 NA	2CDS 281 103 R0257	593069		0.28	5
	2	S 201 P-K 2 NA	2CDS 281 103 R0277	593076		0.28	5
	3	S 201 P-K 3 NA	2CDS 281 103 R0317	593083		0.28	5
	4	S 201 P-K 4 NA	2CDS 281 103 R0337	593090		0.28	5
	6	S 201 P-K 6 NA	2CDS 281 103 R0377	593106		0.28	5
	8	S 201 P-K 8 NA	2CDS 281 103 R0407	593113		0.28	5
	10	S 201 P-K 10 NA	2CDS 281 103 R0427	593120		0.28	5
	13	S 201 P-K 13 NA	2CDS 281 103 R0447	593137		0.28	5
	16	S 201 P-K 16 NA	2CDS 281 103 R0467	593144		0.28	5
	20	S 201 P-K 20 NA	2CDS 281 103 R0487	593151		0.28	5
	25	S 201 P-K 25 NA	2CDS 281 103 R0517	593168		0.28	5
	32	S 201 P-K 32 NA	2CDS 281 103 R0537	593175		0.28	5
	40	S 201 P-K 40 NA	2CDS 281 103 R0557	593182		0.28	5
	50	S 201 P-K 50 NA	2CDS 281 103 R0577	593199		0.28	5
	63	S 201 P-K 63 NA	2CDS 281 103 R0607	593205		0.28	5
3	0.2	S 203 P-K 0.2 NA	2CDS 283 103 R0087	593212		0.56	2
+ NA	0.3	S 203 P-K 0.3 NA	2CDS 283 103 R0117	593229		0.56	2
	0.5	S 203 P-K 0.5 NA	2CDS 283 103 R0157	593236		0.56	2
	0.75	S 203 P-K 0.75 NA	2CDS 283 103 R0187	593243		0.56	2
	1	S 203 P-K 1 NA	2CDS 283 103 R0217	593250		0.56	2
	1.6	S 203 P-K 1.6 NA	2CDS 283 103 R0257	593267		0.56	2
	2	S 203 P-K 2 NA	2CDS 283 103 R0277	593274		0.56	2
	3	S 203 P-K 3 NA	2CDS 283 103 R0317	593281		0.56	2
	4	S 203 P-K 4 NA	2CDS 283 103 R0337	593298		0.56	2
	6	S 203 P-K 6 NA	2CDS 283 103 R0377	593304		0.56	2
	8	S 203 P-K 8 NA	2CDS 283 103 R0407	593311		0.56	2
	10	S 203 P-K 10 NA	2CDS 283 103 R0427	593328		0.56	2
	13	S 203 P-K 13 NA	2CDS 283 103 R0447	593335		0.56	2
	16	S 203 P-K 16 NA	2CDS 283 103 R0467	593342		0.56	2
	20	S 203 P-K 20 NA	2CDS 283 103 R0487	593359		0.56	2
	25	S 203 P-K 25 NA	2CDS 283 103 R0517	593366		0.56	2
	32	S 203 P-K 32 NA	2CDS 283 103 R0537	593373		0.56	2
	40	S 203 P-K 40 NA	2CDS 283 103 R0557	593380		0.56	2
	50	S 203 P-K 50 NA	2CDS 283 103 R0577	593397		0.56	2
	63	S 203 P-K 63 NA	2CDS 283 103 R0607	593403		0.56	2

U_{Bmax}
253 V ~
72 V ...

U_{Bmax}
440 V ~

Z

2



2CSC400002F0201



2CSC400004F0201



2CSC400128F0201

S 200 P-Z characteristic

Function: protection and control of the electronic circuits against weak and long duration overloads and short-circuits.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, VDE 0660 Part 101

Icu=25 kA for 0.5 A ≤ In ≤ 25 A; Icu=15 kA for 32 A ≤ In ≤ 63 A (acc. to VDE 0660 Part 101)

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201 P-Z 0.5	2CDS 281 001 R0158	593410		0.14	10
	1	S 201 P-Z 1	2CDS 281 001 R0218	593427		0.14	10
	1.6	S 201 P-Z 1.6	2CDS 281 001 R0258	593434		0.14	10
	2	S 201 P-Z 2	2CDS 281 001 R0278	593441		0.14	10
	3	S 201 P-Z 3	2CDS 281 001 R0318	593458		0.14	10
	4	S 201 P-Z 4	2CDS 281 001 R0338	593465		0.14	10
	6	S 201 P-Z 6	2CDS 281 001 R0378	593472		0.14	10
	8	S 201 P-Z 8	2CDS 281 001 R0408	593489		0.14	10
	10	S 201 P-Z 10	2CDS 281 001 R0428	593496		0.14	10
	16	S 201 P-Z 16	2CDS 281 001 R0468	593502		0.14	10
	20	S 201 P-Z 20	2CDS 281 001 R0488	593519		0.14	10
	25	S 201 P-Z 25	2CDS 281 001 R0518	593526		0.14	10
	32	S 201 P-Z 32	2CDS 281 001 R0538	593533		0.14	10
	40	S 201 P-Z 40	2CDS 281 001 R0558	593540		0.14	10
	50	S 201 P-Z 50	2CDS 281 001 R0578	593557		0.14	10
	63	S 201 P-Z 63	2CDS 281 001 R0608	593564		0.14	10
U _{Bmax} 253 V ~ 72 V ...							
2	0.5	S 202 P-Z 0.5	2CDS 282 001 R0158	593571		0.28	5
	1	S 202 P-Z 1	2CDS 282 001 R0218	593588		0.28	5
	1.6	S 202 P-Z 1.6	2CDS 282 001 R0258	593595		0.28	5
	2	S 202 P-Z 2	2CDS 282 001 R0278	593601		0.28	5
	3	S 202 P-Z 3	2CDS 282 001 R0318	593618		0.28	5
	4	S 202 P-Z 4	2CDS 282 001 R0338	593625		0.28	5
	6	S 202 P-Z 6	2CDS 282 001 R0378	593632		0.28	5
	8	S 202 P-Z 8	2CDS 282 001 R0408	593649		0.28	5
	10	S 202 P-Z 10	2CDS 282 001 R0428	593656		0.28	5
	16	S 202 P-Z 16	2CDS 282 001 R0468	593663		0.28	5
	20	S 202 P-Z 20	2CDS 282 001 R0488	593670		0.28	5
	25	S 202 P-Z 25	2CDS 282 001 R0518	593687		0.28	5
	32	S 202 P-Z 32	2CDS 282 001 R0538	593694		0.28	5
	40	S 202 P-Z 40	2CDS 282 001 R0558	593700		0.28	5
	50	S 202 P-Z 50	2CDS 282 001 R0578	593717		0.28	5
	63	S 202 P-Z 63	2CDS 282 001 R0608	593724		0.28	5
U _{Bmax} 440 V ~ 125 V ... ①							
3	0.5	S 203 P-Z 0.5	2CDS 283 001 R0158	593731		0.42	1
	1	S 203 P-Z 1	2CDS 283 001 R0218	593748		0.42	1
	1.6	S 203 P-Z 1.6	2CDS 283 001 R0258	593755		0.42	1
	2	S 203 P-Z 2	2CDS 283 001 R0278	593762		0.42	1
	3	S 203 P-Z 3	2CDS 283 001 R0318	593779		0.42	1
	4	S 203 P-Z 4	2CDS 283 001 R0338	593786		0.42	1
	6	S 203 P-Z 6	2CDS 283 001 R0378	593793		0.42	1
	8	S 203 P-Z 8	2CDS 283 001 R0408	593809		0.42	1
	10	S 203 P-Z 10	2CDS 283 001 R0428	593816		0.42	1
	16	S 203 P-Z 16	2CDS 283 001 R0468	593823		0.42	1
	20	S 203 P-Z 20	2CDS 283 001 R0488	593830		0.42	1
	25	S 203 P-Z 25	2CDS 283 001 R0518	593847		0.42	1
	32	S 203 P-Z 32	2CDS 283 001 R0538	593854		0.42	1
	40	S 203 P-Z 40	2CDS 283 001 R0558	593861		0.42	1
	50	S 203 P-Z 50	2CDS 283 001 R0578	593878		0.42	1
	63	S 203 P-Z 63	2CDS 283 001 R0608	593885		0.42	1
U _{Bmax} 440 V ~							

Z



2CSC400132F0201



4	0.5	S 204 P-Z 0.5	2CDS 284 001 R0158	593892	0.56	1
	1	S 204 P-Z 1	2CDS 284 001 R0218	593908	0.56	1
	1.6	S 204 P-Z 1.6	2CDS 284 001 R0258	593915	0.56	1
	2	S 204 P-Z 2	2CDS 284 001 R0278	593922	0.56	1
	3	S 204 P-Z 3	2CDS 284 001 R0318	593939	0.56	1
	4	S 204 P-Z 4	2CDS 284 001 R0338	593946	0.56	1
	6	S 204 P-Z 6	2CDS 284 001 R0378	593953	0.56	1
	8	S 204 P-Z 8	2CDS 284 001 R0408	593960	0.56	1
	10	S 204 P-Z 10	2CDS 284 001 R0428	593977	0.56	1
	16	S 204 P-Z 16	2CDS 284 001 R0468	593984	0.56	1
	20	S 204 P-Z 20	2CDS 284 001 R0488	593991	0.56	1
	25	S 204 P-Z 25	2CDS 284 001 R0518	594004	0.56	1
	32	S 204 P-Z 32	2CDS 284 001 R0538	594011	0.56	1
	40	S 204 P-Z 40	2CDS 284 001 R0558	594028	0.56	1

U_{Bmax} 440 V ~
125 V ...
①

63	S 204 P-Z 63	2CDS 284 001 R0608	594042	0.56	1
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① U_{Bmax} 125 V ... with 2 poles connected in series

With disconnecting neutral NA



2CSC400003F0201



Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1 + NA	0.5	S 201 P-Z 0.5 NA	2CDS 281 103 R0158	594059		0.28	5
	1	S 201 P-Z 1 NA	2CDS 281 103 R0218	594066		0.28	5
	1.6	S 201 P-Z 1.6 NA	2CDS 281 103 R0258	594073		0.28	5
	2	S 201 P-Z 2 NA	2CDS 281 103 R0278	594080		0.28	5
	3	S 201 P-Z 3 NA	2CDS 281 103 R0318	594097		0.28	5
	4	S 201 P-Z 4 NA	2CDS 281 103 R0338	594103		0.28	5
	6	S 201 P-Z 6 NA	2CDS 281 103 R0378	594110		0.28	5
	8	S 201 P-Z 8 NA	2CDS 281 103 R0408	594127		0.28	5
	10	S 201 P-Z 10 NA	2CDS 281 103 R0428	594134		0.28	5
	16	S 201 P-Z 16 NA	2CDS 281 103 R0468	594141		0.28	5
	20	S 201 P-Z 20 NA	2CDS 281 103 R0488	594158		0.28	5
	25	S 201 P-Z 25 NA	2CDS 281 103 R0518	594165		0.28	5
	32	S 201 P-Z 32 NA	2CDS 281 103 R0538	594172		0.28	5
	40	S 201 P-Z 40 NA	2CDS 281 103 R0558	594189		0.28	5

U_{Bmax} 253 V ~
72 V ...

50	S 201 P-Z 50 NA	2CDS 281 103 R0578	594196	0.28	5
63	S 201 P-Z 63 NA	2CDS 281 103 R0608	594202	0.28	5

3 + NA	0.5	S 203 P-Z 0.5 NA	2CDS 283 103 R0158	594219		0.56	1
	1	S 203 P-Z 1 NA	2CDS 283 103 R0218	594226		0.56	1
	1.6	S 203 P-Z 1.6 NA	2CDS 283 103 R0258	594233		0.56	1
	2	S 203 P-Z 2 NA	2CDS 283 103 R0278	594240		0.56	1
	3	S 203 P-Z 3 NA	2CDS 283 103 R0318	594257		0.56	1
	4	S 203 P-Z 4 NA	2CDS 283 103 R0338	594264		0.56	1
	6	S 203 P-Z 6 NA	2CDS 283 103 R0378	594271		0.56	1
	8	S 203 P-Z 8 NA	2CDS 283 103 R0408	594288		0.56	1
	10	S 203 P-Z 10 NA	2CDS 283 103 R0428	594295		0.56	1
	16	S 203 P-Z 16 NA	2CDS 283 103 R0468	594301		0.56	1
	20	S 203 P-Z 20 NA	2CDS 283 103 R0488	594318		0.56	1
	25	S 203 P-Z 25 NA	2CDS 283 103 R0518	594325		0.56	1
	32	S 203 P-Z 32 NA	2CDS 283 103 R0538	594332		0.56	1
	40	S 203 P-Z 40 NA	2CDS 283 103 R0558	594349		0.56	1

U_{Bmax} 440 V ~

50	S 203 P-Z 50 NA	2CDS 283 103 R0578	594356	0.56	1
63	S 203 P-Z 63 NA	2CDS 283 103 R0608	594363	0.56	1

K



S 200 U-K characteristic

Function: protection and control of the circuits like motors, transformers and auxiliary circuits, against overloads and short-circuits.

Advantages: no nuisance tripping in the case of functional peak currents up to 10xI_n, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, UL 489, CSA 22.2 No. 5

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN	kg	pc.		
1	0.2	S 201 U-K 0.2	2CDS 271 417 R0087	619226		0.14	10
	0.3	S 201 U-K 0.3	2CDS 271 417 R0117	619233		0.14	10
	0.5	S 201 U-K 0.5	2CDS 271 417 R0157	619240		0.14	10
	0.75	S 201 U-K 0.75	2CDS 271 417 R0187	619257		0.14	10
	1	S 201 U-K 1	2CDS 271 417 R0217	619264		0.14	10
	1.6	S 201 U-K 1.6	2CDS 271 417 R0257	619271		0.14	10
	2	S 201 U-K 2	2CDS 271 417 R0277	619288		0.14	10
	3	S 201 U-K 3	2CDS 271 417 R0317	619295		0.14	10
	4	S 201 U-K 4	2CDS 271 417 R0337	619301		0.14	10
	5	S 201 U-K 5	2CDS 271 417 R0357	619318		0.14	10
	6	S 201 U-K 6	2CDS 271 417 R0377	619325		0.14	10
	8	S 201 U-K 8	2CDS 271 417 R0407	619332		0.14	10
	10	S 201 U-K 10	2CDS 271 417 R0427	619349		0.14	10
	13	S 201 U-K 13	2CDS 271 417 R0447	619356		0.14	10
	15	S 201 U-K 15	2CDS 271 417 R0457	619363		0.14	10
	16	S 201 U-K 16	2CDS 271 417 R0467	619370		0.14	10
	20	S 201 U-K 20	2CDS 271 417 R0487	619387		0.14	10
	25	S 201 U-K 25	2CDS 271 417 R0517	619394		0.14	10
	30	S 201 U-K 30	2CDS 271 417 R0527	619400		0.14	10
	32	S 201 U-K 32	2CDS 271 417 R0537	619417		0.14	10
	40	S 201 U-K 40	2CDS 271 417 R0557	619424		0.14	10
	50	S 201 U-K 50	2CDS 271 417 R0577	619431		0.14	10
	60	S 201 U-K 60	2CDS 271 417 R0587	619448		0.14	10
	63	S 201 U-K 63	2CDS 271 417 R0607	619455		0.14	10
2	0.2	S 202 U-K 0.2	2CDS 272 417 R0087	619462		0.28	5
	0.3	S 202 U-K 0.3	2CDS 272 417 R0117	619479		0.28	5
	0.5	S 202 U-K 0.5	2CDS 272 417 R0157	619486		0.28	5
	0.75	S 202 U-K 0.75	2CDS 272 417 R0187	619493		0.28	5
	1	S 202 U-K 1	2CDS 272 417 R0217	619509		0.28	5
	1.6	S 202 U-K 1.6	2CDS 272 417 R0257	619516		0.28	5
	2	S 202 U-K 2	2CDS 272 417 R0277	619523		0.28	5
	3	S 202 U-K 3	2CDS 272 417 R0317	619530		0.28	5
	4	S 202 U-K 4	2CDS 272 417 R0337	619547		0.28	5
	5	S 202 U-K 5	2CDS 272 417 R0357	619554		0.28	5
	6	S 202 U-K 6	2CDS 272 417 R0377	619561		0.28	5
	8	S 202 U-K 8	2CDS 272 417 R0407	619578		0.28	5
	10	S 202 U-K 10	2CDS 272 417 R0427	619585		0.28	5
	13	S 202 U-K 13	2CDS 272 417 R0447	619592		0.28	5
	15	S 202 U-K 15	2CDS 272 417 R0457	619608		0.28	5
	16	S 202 U-K 16	2CDS 272 417 R0467	619615		0.28	5
	20	S 202 U-K 20	2CDS 272 417 R0487	619622		0.28	5
	25	S 202 U-K 25	2CDS 272 417 R0517	619639		0.28	5
	30	S 202 U-K 30	2CDS 272 417 R0527	619646		0.28	5
	32	S 202 U-K 32	2CDS 272 417 R0537	619653		0.28	5

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40	S 202 U-K 40	2CDS 272 417 R0557	619660	0.28	5
50	S 202 U-K 50	2CDS 272 417 R0577	619677	0.28	5
60	S 202 U-K 60	2CDS 272 417 R0587	619684	0.28	5
63	S 202 U-K 63	2CDS 272 417 R0607	619691	0.28	5
3					
0.2	S 203 U-K 0.2	2CDS 273 417 R0087	619707	0.42	3
0.3	S 203 U-K 0.3	2CDS 273 417 R0117	619714	0.42	3
0.5	S 203 U-K 0.5	2CDS 273 417 R0157	619721	0.42	3
0.75	S 203 U-K 0.75	2CDS 273 417 R0187	619738	0.42	3
1	S 203 U-K 1	2CDS 273 417 R0217	619745	0.42	3
1.6	S 203 U-K 1.6	2CDS 273 417 R0257	619752	0.42	3
2	S 203 U-K 2	2CDS 273 417 R0277	619769	0.42	3
3	S 203 U-K 3	2CDS 273 417 R0317	619776	0.42	3
4	S 203 U-K 4	2CDS 273 417 R0337	619783	0.42	3
5	S 203 U-K 5	2CDS 273 417 R0357	619790	0.42	3
6	S 203 U-K 6	2CDS 273 417 R0377	619806	0.42	3
8	S 203 U-K 8	2CDS 273 417 R0407	619813	0.42	3
10	S 203 U-K 10	2CDS 273 417 R0427	619820	0.42	3
13	S 203 U-K 13	2CDS 273 417 R0447	619837	0.42	3
15	S 203 U-K 15	2CDS 273 417 R0457	619844	0.42	3
16	S 203 U-K 16	2CDS 273 417 R0467	619851	0.42	3
20	S 203 U-K 20	2CDS 273 417 R0487	619868	0.42	3
25	S 203 U-K 25	2CDS 273 417 R0517	619875	0.42	3
30	S 203 U-K 30	2CDS 273 417 R0527	619882	0.42	3
32	S 203 U-K 32	2CDS 273 417 R0537	619899	0.42	3
40	S 203 U-K 40	2CDS 273 417 R0557	619905	0.42	3
50	S 203 U-K 50	2CDS 273 417 R0577	619912	0.42	3
60	S 203 U-K 60	2CDS 273 417 R0587	619929	0.42	3
63	S 203 U-K 63	2CDS 273 417 R0607	619936	0.42	3
4					
0.2	S 204 U-K 0.2	2CDS 274 417 R0087	619943	0.56	2
0.3	S 204 U-K 0.3	2CDS 274 417 R0117	619479	0.56	2
0.5	S 204 U-K 0.5	2CDS 274 417 R0157	619967	0.56	2
0.75	S 204 U-K 0.75	2CDS 274 417 R0187	619974	0.56	2
1	S 204 U-K 1	2CDS 274 417 R0217	619509	0.56	2
1.6	S 204 U-K 1.6	2CDS 274 417 R0257	619998	0.56	2
2	S 204 U-K 2	2CDS 274 417 R0277	620000	0.56	2
3	S 204 U-K 3	2CDS 274 417 R0317	620017	0.56	2
4	S 204 U-K 4	2CDS 274 417 R0337	620024	0.56	2
5	S 204 U-K 5	2CDS 274 417 R0357	620031	0.56	2
6	S 204 U-K 6	2CDS 274 417 R0377	620048	0.56	2
8	S 204 U-K 8	2CDS 274 417 R0407	620055	0.56	2
10	S 204 U-K 10	2CDS 274 417 R0427	620062	0.56	2
13	S 204 U-K 13	2CDS 274 417 R0447	620079	0.56	2
15	S 204 U-K 15	2CDS 274 417 R0457	620086	0.56	2
16	S 204 U-K 16	2CDS 274 417 R0467	620093	0.56	2
20	S 204 U-K 20	2CDS 274 417 R0487	620109	0.56	2
25	S 204 U-K 25	2CDS 274 417 R0517	620116	0.56	2
30	S 204 U-K 30	2CDS 274 417 R0527	620123	0.56	2
32	S 204 U-K 32	2CDS 274 417 R0537	620130	0.56	2
40	S 204 U-K 40	2CDS 274 417 R0557	620147	0.56	2
50	S 204 U-K 50	2CDS 274 417 R0577	620154	0.56	2
60	S 204 U-K 60	2CDS 274 417 R0587	620161	0.56	2
63	S 204 U-K 63	2CDS 274 417 R0607	620178	0.56	2

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S 200 U-Z characteristic

Function: protection and control of the electronic circuits against weak and long duration overloads and short-circuits.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, UL 489, CSA 22.2 No. 5

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN	kg	pc.		
1	0.5	S 201 U-Z 0.5	2CDS 271 417 R0158	620185		0.14	10
	1	S 201 U-Z 1	2CDS 271 417 R0218	620192		0.14	10
	1.6	S 201 U-Z 1.6	2CDS 271 417 R0258	620208		0.14	10
	2	S 201 U-Z 2	2CDS 271 417 R0278	620215		0.14	10
	3	S 201 U-Z 3	2CDS 271 417 R0318	620222		0.14	10
	4	S 201 U-Z 4	2CDS 271 417 R0338	620239		0.14	10
	5	S 201 U-Z 5	2CDS 271 417 R0358	620246		0.14	10
	6	S 201 U-Z 6	2CDS 271 417 R0378	620253		0.14	10
	8	S 201 U-Z 8	2CDS 271 417 R0408	620260		0.14	10
	10	S 201 U-Z 10	2CDS 271 417 R0428	620277		0.14	10
	15	S 201 U-Z 15	2CDS 271 417 R0458	620291		0.14	10
	16	S 201 U-Z 16	2CDS 271 417 R0468	620307		0.14	10
	20	S 201 U-Z 20	2CDS 271 417 R0488	620314		0.14	10
	25	S 201 U-Z 25	2CDS 271 417 R0518	620321		0.14	10
	30	S 201 U-Z 30	2CDS 271 417 R0528	622851		0.14	10
	32	S 201 U-Z 32	2CDS 271 417 R0538	620345		0.14	10
	40	S 201 U-Z 40	2CDS 271 417 R0558	620352		0.14	10
	50	S 201 U-Z 50	2CDS 271 417 R0578	620369		0.14	10
	60	S 201 U-Z 60	2CDS 271 417 R0588	620376		0.14	10
	63	S 201 U-Z 63	2CDS 271 417 R0608	620383		0.14	10
2	0.5	S 202 U-Z 0.5	2CDS 272 417 R0158	620390		0.28	5
	1	S 202 U-Z 1	2CDS 272 417 R0218	620406		0.28	5
	1.6	S 202 U-Z 1.6	2CDS 272 417 R0258	620413		0.28	5
	2	S 202 U-Z 2	2CDS 272 417 R0278	620420		0.28	5
	3	S 202 U-Z 3	2CDS 272 417 R0318	620437		0.28	5
	4	S 202 U-Z 4	2CDS 272 417 R0338	620444		0.28	5
	5	S 202 U-Z 5	2CDS 272 417 R0358	620451		0.28	5
	6	S 202 U-Z 6	2CDS 272 417 R0378	620468		0.28	5
	8	S 202 U-Z 8	2CDS 272 417 R0408	620475		0.28	5
	10	S 202 U-Z 10	2CDS 272 417 R0428	620482		0.28	5
	15	S 202 U-Z 15	2CDS 272 417 R0458	620505		0.28	5
	16	S 202 U-Z 16	2CDS 272 417 R0468	620512		0.28	5
	20	S 202 U-Z 20	2CDS 272 417 R0488	620529		0.28	5
	25	S 202 U-Z 25	2CDS 272 417 R0518	620536		0.28	5
	30	S 202 U-Z 30	2CDS 272 417 R0528	620543		0.28	5
	32	S 202 U-Z 32	2CDS 272 417 R0538	620550		0.28	5
	40	S 202 U-Z 40	2CDS 272 417 R0558	620567		0.28	5
	50	S 202 U-Z 50	2CDS 272 417 R0578	620574		0.28	5
	60	S 202 U-Z 60	2CDS 272 417 R0588	620581		0.28	5
	63	S 202 U-Z 63	2CDS 272 417 R0608	620598		0.28	5

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3	0.5	S 203 U-Z 0.5	2CDS 273 417 R0158	620604	0.42	3
	1	S 203 U-Z 1	2CDS 273 417 R0218	620611	0.42	3
	1.6	S 203 U-Z 1.6	2CDS 273 417 R0258	620628	0.42	3
	2	S 203 U-Z 2	2CDS 273 417 R0278	620635	0.42	3
	3	S 203 U-Z 3	2CDS 273 417 R0318	620624	0.42	3
	4	S 203 U-Z 4	2CDS 273 417 R0338	620659	0.42	3
	5	S 203 U-Z 5	2CDS 273 417 R0358	620666	0.42	3
	6	S 203 U-Z 6	2CDS 273 417 R0378	620673	0.42	3
	8	S 203 U-Z 8	2CDS 273 417 R0408	620680	0.42	3
	10	S 203 U-Z 10	2CDS 273 417 R0428	620697	0.42	3
	15	S 203 U-Z 15	2CDS 273 417 R0458	620710	0.42	3
	16	S 203 U-Z 16	2CDS 273 417 R0468	620727	0.42	3
	20	S 203 U-Z 20	2CDS 273 417 R0488	620734	0.42	3
	25	S 203 U-Z 25	2CDS 273 417 R0518	620741	0.42	3
	30	S 203 U-Z 30	2CDS 273 417 R0528	620758	0.42	3
	32	S 203 U-Z 32	2CDS 273 417 R0538	620765	0.42	3
	40	S 203 U-Z 40	2CDS 273 417 R0558	620772	0.42	3
	50	S 203 U-Z 50	2CDS 273 417 R0578	620789	0.42	3
	60	S 203 U-Z 60	2CDS 273 417 R0588	620796	0.42	3
	63	S 203 U-Z 63	2CDS 273 417 R0608	620802	0.42	3
4	0.5	S 204 U-Z 0.5	2CDS 274 417 R0158	620819	0.56	2
	1	S 204 U-Z 1	2CDS 274 417 R0218	620826	0.56	2
	1.6	S 204 U-Z 1.6	2CDS 274 417 R0258	620833	0.56	2
	2	S 204 U-Z 2	2CDS 274 417 R0278	620840	0.56	2
	3	S 204 U-Z 3	2CDS 274 417 R0318	620857	0.56	2
	4	S 204 U-Z 4	2CDS 274 417 R0338	620864	0.56	2
	5	S 204 U-Z 5	2CDS 274 417 R0358	620871	0.56	2
	6	S 204 U-Z 6	2CDS 274 417 R0378	620888	0.56	2
	8	S 204 U-Z 8	2CDS 274 417 R0408	620895	0.56	2
	10	S 204 U-Z 10	2CDS 274 417 R0428	620901	0.56	2
	15	S 204 U-Z 15	2CDS 274 417 R0458	620925	0.56	2
	16	S 204 U-Z 16	2CDS 274 417 R0468	620932	0.56	2
	20	S 204 U-Z 20	2CDS 274 417 R0488	620949	0.56	2
	25	S 204 U-Z 25	2CDS 274 417 R0518	620956	0.56	2
	30	S 204 U-Z 30	2CDS 274 417 R0528	620963	0.56	2
	32	S 204 U-Z 32	2CDS 274 417 R0538	620970	0.56	2
	40	S 204 U-Z 40	2CDS 274 417 R0558	620987	0.56	2
	50	S 204 U-Z 50	2CDS 274 417 R0578	620994	0.56	2
	60	S 204 U-Z 60	2CDS 274 417 R0588	621007	0.56	2
	63	S 204 U-Z 63	2CDS 274 417 R0608	621014	0.56	2

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S 200 UP-K characteristic

Function: protection and control of the circuits like motors, transformers and auxiliary circuits, against overloads and short-circuits.

Advantages: no nuisance tripping in the case of functional peak currents up to 10xI_n, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, UL 489, CSA 22.2 No. 5

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN	kg	pc.		
1	0.2	S 201 UP-K 0.2	2CDS 271 317 R0087	615631	0.14	10	
	0.3	S 201 UP-K 0.3	2CDS 271 317 R0117	615648	0.14	10	
	0.5	S 201 UP-K 0.5	2CDS 271 317 R0157	615655	0.14	10	
	0.75	S 201 UP-K 0.75	2CDS 271 317 R0187	615662	0.14	10	
	1	S 201 UP-K 1	2CDS 271 317 R0217	615679	0.14	10	
	1.6	S 201 UP-K 1.6	2CDS 271 317 R0257	615686	0.14	10	
	2	S 201 UP-K 2	2CDS 271 317 R0277	615693	0.14	10	
	3	S 201 UP-K 3	2CDS 271 317 R0317	615709	0.14	10	
	4	S 201 UP-K 4	2CDS 271 317 R0337	615716	0.14	10	
	5	S 201 UP-K 5	2CDS 271 317 R0357	615723	0.14	10	
	6	S 201 UP-K 6	2CDS 271 317 R0377	615730	0.14	10	
	8	S 201 UP-K 8	2CDS 271 317 R0407	615747	0.14	10	
	10	S 201 UP-K 10	2CDS 271 317 R0427	615754	0.14	10	
	13	S 201 UP-K 13	2CDS 271 317 R0447	615761	0.14	10	
	15	S 201 UP-K 15	2CDS 271 317 R0457	615778	0.14	10	
	16	S 201 UP-K 16	2CDS 271 317 R0467	615785	0.14	10	
	20	S 201 UP-K 20	2CDS 271 317 R0487	615792	0.14	10	
	25	S 201 UP-K 25	2CDS 271 317 R0517	615808	0.14	10	
2	0.2	S 202 UP-K 0.2	2CDS 272 317 R0087	615877	0.28	5	
	0.3	S 202 UP-K 0.3	2CDS 272 317 R0117	615884	0.28	5	
	0.5	S 202 UP-K 0.5	2CDS 272 317 R0157	615891	0.28	5	
	0.75	S 202 UP-K 0.75	2CDS 272 317 R0187	615907	0.28	5	
	1	S 202 UP-K 1	2CDS 272 317 R0217	615914	0.28	5	
	1.6	S 202 UP-K 1.6	2CDS 272 317 R0257	615921	0.28	5	
	2	S 202 UP-K 2	2CDS 272 317 R0277	615938	0.28	5	
	3	S 202 UP-K 3	2CDS 272 317 R0317	615945	0.28	5	
	4	S 202 UP-K 4	2CDS 272 317 R0337	615952	0.28	5	
	5	S 202 UP-K 5	2CDS 272 317 R0357	615969	0.28	5	
	6	S 202 UP-K 6	2CDS 272 317 R0377	615976	0.28	5	
	8	S 202 UP-K 8	2CDS 272 317 R0407	615983	0.28	5	
	10	S 202 UP-K 10	2CDS 272 317 R0427	615990	0.28	5	
	13	S 202 UP-K 13	2CDS 272 317 R0447	616003	0.28	5	
	15	S 202 UP-K 15	2CDS 272 317 R0457	616010	0.28	5	
	16	S 202 UP-K 16	2CDS 272 317 R0467	616027	0.28	5	
	20	S 202 UP-K 20	2CDS 272 317 R0487	616034	0.28	5	
	25	S 202 UP-K 25	2CDS 272 317 R0517	616041	0.28	5	

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3	0.2	S 203 UP-K 0.2	2CDS 273 317 R0087	616119	0.42	3
	0.3	S 203 UP-K 0.3	2CDS 273 317 R0117	616126	0.42	3
	0.5	S 203 UP-K 0.5	2CDS 273 317 R0157	616133	0.42	3
	0.75	S 203 UP-K 0.75	2CDS 273 317 R0187	616140	0.42	3
	1	S 203 UP-K 1	2CDS 273 317 R0217	616157	0.42	3
	1.6	S 203 UP-K 1.6	2CDS 273 317 R0257	616164	0.42	3
	2	S 203 UP-K 2	2CDS 273 317 R0277	616171	0.42	3
	3	S 203 UP-K 3	2CDS 273 317 R0317	616188	0.42	3
	4	S 203 UP-K 4	2CDS 273 317 R0337	616195	0.42	3
	5	S 203 UP-K 5	2CDS 273 317 R0357	616201	0.42	3
	6	S 203 UP-K 6	2CDS 273 317 R0377	616218	0.42	3
	8	S 203 UP-K 8	2CDS 273 317 R0407	616225	0.42	3
	10	S 203 UP-K 10	2CDS 273 317 R0427	616232	0.42	3
	13	S 203 UP-K 13	2CDS 273 317 R0447	616249	0.42	3
	15	S 203 UP-K 15	2CDS 273 317 R0457	616256	0.42	3
	16	S 203 UP-K 16	2CDS 273 317 R0467	616263	0.42	3
	20	S 203 UP-K 20	2CDS 273 317 R0487	616270	0.42	3
	25	S 203 UP-K 25	2CDS 273 317 R0517	616287	0.42	3

4	0.2	S 204 UP-K 0.2	2CDS 274 317 R0087	616355	0.56	2
	0.3	S 204 UP-K 0.3	2CDS 274 317 R0117	616362	0.56	2
	0.5	S 204 UP-K 0.5	2CDS 274 317 R0157	616379	0.56	2
	0.75	S 204 UP-K 0.75	2CDS 274 317 R0187	616386	0.56	2
	1	S 204 UP-K 1	2CDS 274 317 R0217	616393	0.56	2
	1.6	S 204 UP-K 1.6	2CDS 274 317 R0257	616409	0.56	2
	2	S 204 UP-K 2	2CDS 274 317 R0277	616416	0.56	2
	3	S 204 UP-K 3	2CDS 274 317 R0317	616423	0.56	2
	4	S 204 UP-K 4	2CDS 274 317 R0337	616430	0.56	2
	5	S 204 UP-K 5	2CDS 274 317 R0357	616447	0.56	2
	6	S 204 UP-K 6	2CDS 274 317 R0377	616454	0.56	2
	8	S 204 UP-K 8	2CDS 274 317 R0407	616461	0.56	2
	10	S 204 UP-K 10	2CDS 274 317 R0427	616478	0.56	2
	13	S 204 UP-K 13	2CDS 274 317 R0447	616485	0.56	2
	15	S 204 UP-K 15	2CDS 274 317 R0457	616492	0.56	2
	16	S 204 UP-K 16	2CDS 274 317 R0467	616508	0.56	2
	20	S 204 UP-K 20	2CDS 274 317 R0487	616515	0.56	2
	25	S 204 UP-K 25	2CDS 274 317 R0517	616522	0.56	2

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S 200 UP-Z characteristic

Function: protection and control of the electronic circuits against weak and long duration overloads and short-circuits.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, UL 489, CSA 22.2 No. 5

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 201 UP-Z 0.5	2CDS 271 317 R0158	616591		0.14	10
	1	S 201 UP-Z 1	2CDS 271 317 R0218	616607		0.14	10
	1.6	S 201 UP-Z 1.6	2CDS 271 317 R0258	616614		0.14	10
	2	S 201 UP-Z 2	2CDS 271 317 R0278	616621		0.14	10
	3	S 201 UP-Z 3	2CDS 271 317 R0318	616638		0.14	10
	4	S 201 UP-Z 4	2CDS 271 317 R0338	616645		0.14	10
	5	S 201 UP-Z 5	2CDS 271 317 R0358	616652		0.14	10
	6	S 201 UP-Z 6	2CDS 271 317 R0378	616669		0.14	10
	8	S 201 UP-Z 8	2CDS 271 317 R0408	616676		0.14	10
	10	S 201 UP-Z 10	2CDS 271 317 R0428	616683		0.14	10
	13	S 201 UP-Z 13	2CDS 271 317 R0448	616690		0.14	10
	15	S 201 UP-Z 15	2CDS 271 317 R0458	616706		0.14	10
	16	S 201 UP-Z 16	2CDS 271 317 R0468	616713		0.14	10
2	0.5	S 202 UP-Z 0.5	2CDS 272 317 R0158	616805		0.28	5
	1	S 202 UP-Z 1	2CDS 272 317 R0218	616812		0.28	5
	1.6	S 202 UP-Z 1.6	2CDS 272 317 R0258	616829		0.28	5
	2	S 202 UP-Z 2	2CDS 272 317 R0278	616836		0.28	5
	3	S 202 UP-Z 3	2CDS 272 317 R0318	616843		0.28	5
	4	S 202 UP-Z 4	2CDS 272 317 R0338	616850		0.28	5
	5	S 202 UP-Z 5	2CDS 272 317 R0358	616867		0.28	5
	6	S 202 UP-Z 6	2CDS 272 317 R0378	616874		0.28	5
	8	S 202 UP-Z 8	2CDS 272 317 R0408	616881		0.28	5
	10	S 202 UP-Z 10	2CDS 272 317 R0428	616898		0.28	5
	13	S 202 UP-Z 13	2CDS 272 317 R0448	616904		0.28	5
	15	S 202 UP-Z 15	2CDS 272 317 R0458	616911		0.28	5
	16	S 202 UP-Z 16	2CDS 272 317 R0468	616928		0.28	5
	20	S 202 UP-Z 20	2CDS 272 317 R0488	616935		0.28	5
	25	S 202 UP-Z 25	2CDS 272 317 R0518	616942		0.28	5

Z



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2CSC400022F0201



3	0.5	S 203 UP-Z	0.5	2CDS 273 317 R0158	617017	0.42	3
	1	S 203 UP-Z	1	2CDS 273 317 R0218	617024	0.42	3
	1.6	S 203 UP-Z	1.6	2CDS 273 317 R0258	617031	0.42	3
	2	S 203 UP-Z	2	2CDS 273 317 R0278	617048	0.42	3
	3	S 203 UP-Z	3	2CDS 273 317 R0318	617055	0.42	3
	4	S 203 UP-Z	4	2CDS 273 317 R0338	617062	0.42	3
	5	S 203 UP-Z	5	2CDS 273 317 R0358	617079	0.42	3
	6	S 203 UP-Z	6	2CDS 273 317 R0378	617086	0.42	3
	8	S 203 UP-Z	8	2CDS 273 317 R0408	617093	0.42	3
	10	S 203 UP-Z	10	2CDS 273 317 R0428	617109	0.42	3
	13	S 203 UP-Z	13	2CDS 273 317 R0448	617116	0.42	3
	15	S 203 UP-Z	15	2CDS 273 317 R0458	617123	0.42	3
	16	S 203 UP-Z	16	2CDS 273 317 R0468	617130	0.42	3
	20	S 203 UP-Z	20	2CDS 273 317 R0488	617147	0.42	3
	25	S 203 UP-Z	25	2CDS 273 317 R0518	617154	0.42	3

4	0.5	S 204 UP-Z	0.5	2CDS 274 317 R0158	617222	0.56	2
	1	S 204 UP-Z	1	2CDS 274 317 R0218	617239	0.56	2
	1.6	S 204 UP-Z	1.6	2CDS 274 317 R0258	617246	0.56	2
	2	S 204 UP-Z	2	2CDS 274 317 R0278	617253	0.56	2
	3	S 204 UP-Z	3	2CDS 274 317 R0318	617260	0.56	2
	4	S 204 UP-Z	4	2CDS 274 317 R0338	617277	0.56	2
	5	S 204 UP-Z	5	2CDS 274 317 R0358	617284	0.56	2
	6	S 204 UP-Z	6	2CDS 274 317 R0378	617291	0.56	2
	8	S 204 UP-Z	8	2CDS 274 317 R0408	617307	0.56	2
	10	S 204 UP-Z	10	2CDS 274 317 R0428	617314	0.56	2
	13	S 204 UP-Z	13	2CDS 274 317 R0448	617321	0.56	2
	15	S 204 UP-Z	15	2CDS 274 317 R0458	617338	0.56	2
	16	S 204 UP-Z	16	2CDS 274 317 R0468	617345	0.56	2
	20	S 204 UP-Z	20	2CDS 274 317 R0488	617352	0.56	2
	25	S 204 UP-Z	25	2CDS 274 317 R0518	617369	0.56	2

K

2



2CDC 021 126 F0010



2CDC 021 127 F0010

1 3
2 4

S 200 UDC-K characteristic

Function: protection and control of the circuits like motors, transformers and auxiliary circuits, against overloads and short-circuits.

Advantages: no nuisance tripping in the case of functional peak currents up to 10xI_n, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: commercial and industrial.

Standard: UL 489 (only DC, please note polarity of device)

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN	kg	pc.		
1	1	S 201 UDC-K 1	2CDS 271 517 R0217	825924		0.150	10
	1,6	S 201 UDC-K 1.6	2CDS 271 517 R0257	825948		0.150	10
	2	S 201 UDC-K 2	2CDS 271 517 R0277	825955		0.150	10
	3	S 201 UDC-K 3	2CDS 271 517 R0317	825962		0.150	10
	4	S 201 UDC-K 4	2CDS 271 517 R0337	825979		0.150	10
	5	S 201 UDC-K 5	2CDS 271 517 R0357	825986		0.150	10
	6	S 201 UDC-K 6	2CDS 271 517 R0377	825993		0.150	10
	8	S 201 UDC-K 8	2CDS 271 517 R0407	826006		0.150	10
	10	S 201 UDC-K 10	2CDS 271 517 R0427	826013		0.150	10
	13	S 201 UDC-K 13	2CDS 271 517 R0447	826020		0.150	10
	15	S 201 UDC-K 15	2CDS 271 517 R0457	826037		0.150	10
	16	S 201 UDC-K 16	2CDS 271 517 R0467	826044		0.150	10
	20	S 201 UDC-K 20	2CDS 271 517 R0487	826051		0.150	10
	25	S 201 UDC-K 25	2CDS 271 517 R0517	826068		0.150	10
	30	S 201 UDC-K 30	2CDS 271 517 R0527	826075		0.150	10
	32	S 201 UDC-K 32	2CDS 271 517 R0537	826082		0.150	10
	40	S 201 UDC-K 40	2CDS 271 517 R0557	826099		0.150	10
	50	S 201 UDC-K 50	2CDS 271 517 R0577	826105		0.150	10
	60	S 201 UDC-K 60	2CDS 271 517 R0587	826112		0.150	10
	63	S 201 UDC-K 63	2CDS 271 517 R0607	826129		0.150	10
2	1	S 202 UDC-K 1	2CDS 272 517 R0217	825061		0.300	5
	1,6	S 202 UDC-K 1.6	2CDS 272 517 R0257	825160		0.300	5
	2	S 202 UDC-K 2	2CDS 272 517 R0277	825177		0.300	5
	3	S 202 UDC-K 3	2CDS 272 517 R0317	825184		0.300	5
	4	S 202 UDC-K 4	2CDS 272 517 R0337	825191		0.300	5
	5	S 202 UDC-K 5	2CDS 272 517 R0357	825207		0.300	5
	6	S 202 UDC-K 6	2CDS 272 517 R0377	825214		0.300	5
	8	S 202 UDC-K 8	2CDS 272 517 R0407	825221		0.300	5
	10	S 202 UDC-K 10	2CDS 272 517 R0427	825238		0.300	5
	13	S 202 UDC-K 13	2CDS 272 517 R0447	825245		0.300	5
	15	S 202 UDC-K 15	2CDS 272 517 R0457	825252		0.300	5
	16	S 202 UDC-K 16	2CDS 272 517 R0467	825269		0.300	5
	20	S 202 UDC-K 20	2CDS 272 517 R0487	825276		0.300	5
	25	S 202 UDC-K 25	2CDS 272 517 R0517	825283		0.300	5
	30	S 202 UDC-K 30	2CDS 272 517 R0527	825290		0.300	5
	32	S 202 UDC-K 32	2CDS 272 517 R0537	825306		0.300	5
	40	S 202 UDC-K 40	2CDS 272 517 R0557	825313		0.300	5
	50	S 202 UDC-K 50	2CDS 272 517 R0577	825320		0.300	5
	60	S 202 UDC-K 60	2CDS 272 517 R0587	825337		0.300	5
	63	S 202 UDC-K 63	2CDS 272 517 R0607	825344		0.300	5

Z



2CDC 021 128 F0010

1
2

2CDC 021 129 F0010

1 3
2 4**S 200 UDC-Z characteristic**

Function: protection and control of the electronic circuits against weak and long duration overloads and short-circuits.

Applications: commercial and industrial.

Standard: UL 489 (only DC, please note polarity of device)

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	1	S 201 UDC-Z 1	2CDS 271 517 R0218	826136		0.150	10
	1,6	S 201 UDC-Z 1.6	2CDS 271 517 R0258	826143		0.150	10
	2	S 201 UDC-Z 2	2CDS 271 517 R0278	826150		0.150	10
	3	S 201 UDC-Z 3	2CDS 271 517 R0318	826167		0.150	10
	4	S 201 UDC-Z 4	2CDS 271 517 R0338	826174		0.150	10
	5	S 201 UDC-Z 5	2CDS 271 517 R0358	826181		0.150	10
	6	S 201 UDC-Z 6	2CDS 271 517 R0378	826198		0.150	10
	8	S 201 UDC-Z 8	2CDS 271 517 R0408	826204		0.150	10
	10	S 201 UDC-Z 10	2CDS 271 517 R0428	826211		0.150	10
	15	S 201 UDC-Z 15	2CDS 271 517 R0458	826228		0.150	10
	16	S 201 UDC-Z 16	2CDS 271 517 R0468	826235		0.150	10
	20	S 201 UDC-Z 20	2CDS 271 517 R0488	826242		0.150	10
	25	S 201 UDC-Z 25	2CDS 271 517 R0518	826259		0.150	10
	30	S 201 UDC-Z 30	2CDS 271 517 R0528	826266		0.150	10
	32	S 201 UDC-Z 32	2CDS 271 517 R0538	826273		0.150	10
	40	S 201 UDC-Z 40	2CDS 271 517 R0558	826280		0.150	10
	50	S 201 UDC-Z 50	2CDS 271 517 R0578	826297		0.150	10
	60	S 201 UDC-Z 60	2CDS 271 517 R0588	826303		0.150	10
	63	S 201 UDC-Z 63	2CDS 271 517 R0608	826310		0.150	10
2	1	S 202 UDC-Z 1	2CDS 272 517 R0218	825351		0.300	5
	1,6	S 202 UDC-Z 1.6	2CDS 272 517 R0258	825368		0.300	5
	2	S 202 UDC-Z 2	2CDS 272 517 R0278	825375		0.300	5
	3	S 202 UDC-Z 3	2CDS 272 517 R0318	825382		0.300	5
	4	S 202 UDC-Z 4	2CDS 272 517 R0338	825399		0.300	5
	5	S 202 UDC-Z 5	2CDS 272 517 R0358	825405		0.300	5
	6	S 202 UDC-Z 6	2CDS 272 517 R0378	825412		0.300	5
	8	S 202 UDC-Z 8	2CDS 272 517 R0408	825429		0.300	5
	10	S 202 UDC-Z 10	2CDS 272 517 R0428	825436		0.300	5
	15	S 202 UDC-Z 15	2CDS 272 517 R0458	825443		0.300	5
	16	S 202 UDC-Z 16	2CDS 272 517 R0468	825450		0.300	5
	20	S 202 UDC-Z 20	2CDS 272 517 R0488	825467		0.300	5
	25	S 202 UDC-Z 25	2CDS 272 517 R0518	825474		0.300	5
	30	S 202 UDC-Z 30	2CDS 272 517 R0528	825481		0.300	5
	32	S 202 UDC-Z 32	2CDS 272 517 R0538	825498		0.300	5
	40	S 202 UDC-Z 40	2CDS 272 517 R0558	825504		0.300	5
	50	S 202 UDC-Z 50	2CDS 272 517 R0578	825511		0.300	5
	60	S 202 UDC-Z 60	2CDS 272 517 R0588	825528		0.300	5
	63	S 202 UDC-Z 63	2CDS 272 517 R0608	825535		0.300	5



2CSC400133F0201



2CSC400129F0201



2CSC400005F0201

The SN 201 range of circuit-breakers is the new ABB range of 1P+N single-module MCBs.

These circuit-breakers are available with rated currents from 2 to 40 A, in the version with C characteristic, and with rated currents from 6 to 40 A, in the version with B and D characteristics.

For each current there are also three different breaking capacities available: 4.5 kA (SN 201 L series), 6 kA (SN 201 series) and 10 kA (SN 201 M series).

The circuit-breakers have been designed to ensure, in the final closing section, that the closing speed of the contacts is independent of the speed at which the knob rotated.

The trip mechanism (ABB international patent) ensures perfect closure every time, thereby considerably improving the performance of these devices and extending

their average lifetime.

A redesigned red/green toggle makes the ON/OFF status immediately apparent.

With the practical label carrier fitted in the new SN 201 circuit-breakers it's possible

to give maximum visibility to the information relating to the protected loads.

The larger neutral hole allows the use of an insulated screwdriver to tighten the screws of both wire terminals,

ensuring maximum safety of the operation.

Due to larger size of the DIN rail fixing system, made with 2 bistable fixing devices, the same screwdriver used for tightening the terminals can also be used for assembling and disassembling the device.

All versions are equipped with high capacity cage type terminals (16 mm²).

The SN 201 range circuit breakers have been designed for wiring with the ABB SACE Unifix rapid system.

The SN 201 fully integrates with the range of System pro M compact® miniature circuit-breakers, sharing the wide selection of accessories available through a dedicated interface (half module), which also can be used as auxiliary contact.



2CSC400134F0201



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TECHNICAL FEATURES

Standards

Rated current I_n A

Poles

Rated voltage U_e V

Insulation voltage U_i V

Max. operating voltage U_b max. AC V

DC 1P V

DC 1P+N V

Min. operating voltage U_b min. V

Rated frequency Hz

Rated breaking capacity acc. to IEC/EN 60898 ultimate I_{cn} A

Rated making and breaking capacity of an individual pole I_{cn1} kA

Rated breaking capacity ultimate I_{cu} kA

acc. to IEC 947-2 1P+N - 230 V service I_{cs} kA

Rated impulse withstand voltage (1,2/50) U_{imp} kV

Dielectric test voltage at ind. freq. for 1 min. kV

Overvoltage category

Thermal-magnetic release characteristic
 B: $3 I_n \leq I_m \leq 5 I_n$
 C: $5 I_n \leq I_m \leq 10 I_n$
 D: $10 I_n \leq I_m \leq 20 I_n$

Toggle

Electrical life

Mechanical life

Protection degree housing terminals

Tropicalization humid heat °C/RH

acc. to IEC 68-2 constant climate conditions °C/RH

variable climate conditions °C/RH

Reference temperature for calibration of thermal element °C

Ambient temperature (with daily average $\leq +35^\circ\text{C}$) °C

Storage temperature °C

Terminal size upper/lower per cable mm^2

Tightening torque N*m

Mounting

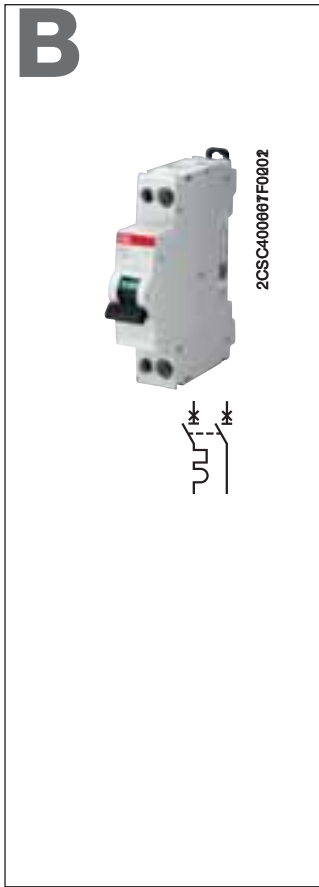
Pole dimensions (H x D x W) mm

Pole weight g



SN 201 L	SN 201	SN 201 M
	IEC/EN 60898	
	$2 \leq I_n \leq 40$ ①	
	1P+N	
	230	
	500	
	254	
	60	
	125	
	12VAC - 12VDC	
	50...60	
4500	6000	10000
4.5	6	6
6	10	10
4.5	6	7.5
	5	
	2.5	
	III	
■	■	■
■	■	■
	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	
	-40...+70	
	16/16	
	1,2	
	on DIN rail EN 60715 (35mm) by means of rapid fixing device	
	85 x 68.9 x 17.6	
	110	

① SN201 and SN201M series in B and D characteristic are available for rated current $I_n \geq 6$ A



SN 201 L - B characteristic

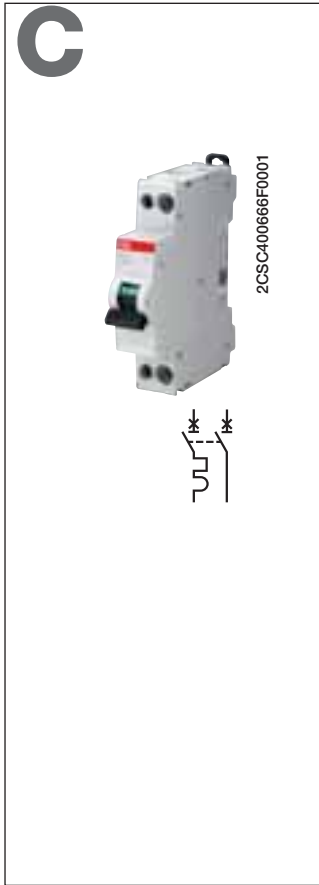
Function: overload and short-circuit protection of circuits in final distribution; protection of long cable lengths in TN and IT systems.

Applications: residential.

Standard: IEC/EN 60898

Icn: 4.5 kA

Number of poles	Rated current In A	Order details		Bbn 8012542 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
		Type	Order code					
1+N	2	SN201 L B2	2CSS245101R0025	087366			0.110	6
	4	SN201 L B4	2CSS245101R0045	087465			0.110	6
	6	SN201 L B6	2CSS245101R0065	087564			0.110	6
	10	SN201 L B10	2CSS245101R0105	087663			0.110	6
	16	SN201 L B16	2CSS245101R0165	087762			0.110	6
	20	SN201 L B20	2CSS245101R0205	087861			0.110	6
	25	SN201 L B25	2CSS245101R0255	087960			0.110	6
	32	SN201 L B32	2CSS245101R0325	088066			0.110	6
	40	SN201 L B40	2CSS245101R0405	088165			0.110	6



SN 201 L - C characteristic

Function: overload and short-circuit protection of circuits in final distribution; protection of resistive and inductive loads with low inrush current.

Applications: residential.

Standard: IEC/EN 60898

Icn: 4.5 kA

Number of poles	Rated current In A	Order details		Bbn 8012542 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
		Type	Order code					
1+N	2	SN201 L C2	2CSS245101R0024	088264			0.110	6
	4	SN201 L C4	2CSS245101R0044	088363			0.110	6
	6	SN201 L C6	2CSS245101R0064	088462			0.110	6
	10	SN201 L C10	2CSS245101R0104	088561			0.110	6
	16	SN201 L C16	2CSS245101R0164	088660			0.110	6
	20	SN201 L C20	2CSS245101R0204	088769			0.110	6
	25	SN201 L C25	2CSS245101R0254	088868			0.110	6
	32	SN201 L C32	2CSS245101R0324	088967			0.110	6
	40	SN201 L C40	2CSS245101R0404	089063			0.110	6

B



SN 201 - B characteristic

Function: overload and short-circuits protection of circuits in final distribution; protection of long cable lengths in TN and IT systems.

Applications: residential and commercial.

Standard: IEC/EN 60898

Icn: 6 kA

Number of poles	Rated current In A	Order details		Bbn 8012542 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
		Type	Order code					
1+N	6	SN201 B6	2CSS255101R0065	090762			0.110	6
	10	SN201 B10	2CSS255101R0105	090861			0.110	6
	16	SN201 B16	2CSS255101R0165	090960			0.110	6
	20	SN201 B20	2CSS255101R0205	091066			0.110	6
	25	SN201 B25	2CSS255101R0255	091165			0.110	6
	32	SN201 B32	2CSS255101R0325	091264			0.110	6
	40	SN201 B40	2CSS255101R0405	091363			0.110	6

C



SN 201 - C characteristic

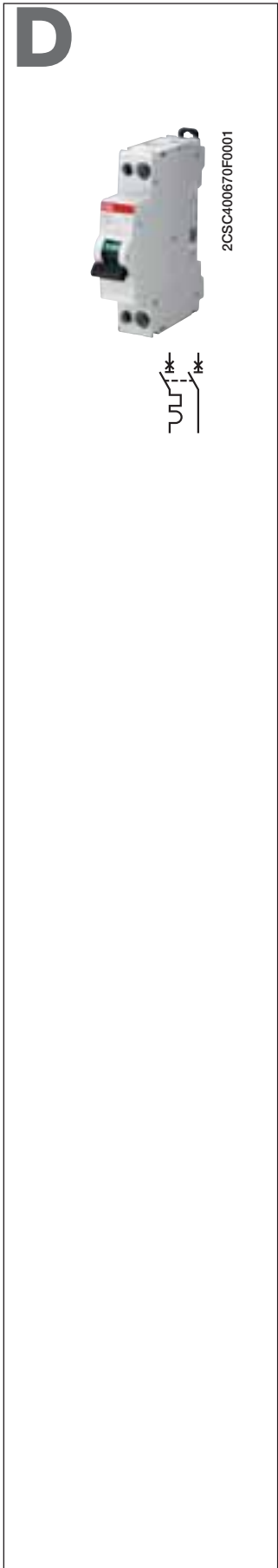
Function: overload and short-circuit protection of circuits in final distribution; protection of resistive and inductive loads with low inrush current.

Applications: residential and commercial.

Standard: IEC/EN 60898

Icn: 6 kA

Number of poles	Rated current In A	Order details		Bbn 8012542 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
		Type	Order code					
1+N	2	SN201 C2	2CSS255101R0024	091462			0.110	6
	4	SN201 C4	2CSS255101R0044	091561			0.110	6
	6	SN201 C6	2CSS255101R0064	091660			0.110	6
	10	SN201 C10	2CSS255101R0104	091769			0.110	6
	13	SN201 C13	2CSS255101R0134	091868			0.110	6
	16	SN201 C16	2CSS255101R0164	091967			0.110	6
	20	SN201 C20	2CSS255101R0204	092063			0.110	6
	25	SN201 C25	2CSS255101R0254	092162			0.110	6
	32	SN201 C32	2CSS255101R0324	092261			0.110	6
	40	SN201 C40	2CSS255101R0404	092360			0.110	6



SN 201 - D characteristic

Function: protection and control of the circuits against overloads and short-circuits in final distribution; protection for circuits which supply loads with high inrush current at the circuit closing.

Applications: residential and commercial.

Standard: IEC/EN 60898

Icn: 6 kA

Number of poles	Rated current In A	Order details		Bbn 8012542	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
		Type	Order code	EAN				
1+N	6	SN201 D6	2CSS255101R0061	092469			0,110	6
	10	SN201 D10	2CSS255101R0101	092568			0,110	6
	16	SN201 D16	2CSS255101R0161	092667			0,110	6
	20	SN201 D20	2CSS255101R0201	092766			0,110	6
	25	SN201 D25	2CSS255101R0251	092865			0,110	6
	32	SN201 D32	2CSS255101R0321	092964			0,110	6
	40	SN201 D40	2CSS255101R0401	093060			0,110	6

B



SN 201 M - B characteristic

Function: overloads and short-circuit protection of circuits in final distribution; protection of long cable lengths in TN and IT systems.

Applications: residential and commercial.

Standard: IEC/EN 60898

Icn: 10 kA

Number of poles	Rated current In A	Order details		Bbn 8012542 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
		Type	Order code					
1+N	6	SN201 M B6	2CSS275101R0065	093152			0.110	6
	10	SN201 M B10	2CSS275101R0105	093251			0.110	6
	16	SN201 M B16	2CSS275101R0165	093350			0.110	6
	20	SN201 M B20	2CSS275101R0205	093459			0.110	6
	25	SN201 M B25	2CSS275101R0255	093558			0.110	6
	32	SN201 M B32	2CSS275101R0325	093657			0.110	6
	40	SN201 M B40	2CSS275101R0405	093756			0.110	6

C



SN 201 M - C characteristic

Function: overload and short-circuit protection of circuits in final distribution; protection of resistive and inductive loads with low inrush current.

Applications: residential and commercial.

Standard: IEC/EN 60898

Icn: 10 kA

Number of poles	Rated current In A	Order details		Bbn 8012542 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
		Type	Order code					
1+N	2	SN201 M C2	2CSS275101R0024	093862			0.110	6
	4	SN201 M C4	2CSS275101R0044	093961			0.110	6
	6	SN201 M C6	2CSS275101R0064	094067			0.110	6
	10	SN201 M C10	2CSS275101R0104	094166			0.110	6
	16	SN201 M C16	2CSS275101R0164	094265			0.110	6
	20	SN201 M C20	2CSS275101R0204	094364			0.110	6
	25	SN201 M C25	2CSS275101R0254	094463			0.110	6
	32	SN201 M C32	2CSS275101R0324	094562			0.110	6
	40	SN201 M C40	2CSS275101R0404	094661			0.110	6

MCBs for heavy-duty industrial protection consist of three different ranges.

S 280 series, which includes the 80 A and 100 A rated current versions (one pole, one module), available in B and C characteristics, 6 kA breaking capacity according to IEC/EN 60898 Standard and 35 mm² size of the terminals. The range includes also the S 280 UC series that protects direct current circuits with high voltages.

In all circuit-breakers of the range there is no specific mechanical constraint between the case and the internal mechanical components which form three independent functional blocks: in this way, any distortion of the case, in the event of thermal shock, does not affect the correct functioning of the circuit-breaker. The supply lines of the protected circuit can be connected to either the upper or lower terminals of the circuit-breakers (reversibility of connections). The double terminal of these circuit-breakers enables simultaneous connection of cables and busbars.

S 290 series, for the use in switchboards and consumer units for modular devices with 45 mm slotting and rated currents up to 125 A. They can be mounted alongside standard modular circuit-breakers because of their modular design and ability to be installed on 35 mm DIN EN 50022 rails.

The circuit-breakers are available in 1-2-3-4 pole versions with a width equal to 1 module and a half per pole (27 mm); the characteristic curves are B, C, D and K.

S700 series is a range of selective main circuit breakers (smcb) for the use as main incoming protective device for any distribution board or meter cabinet.



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The main application of S700 is the selective overload and short-circuit protection and isolation of circuits in 230/400 V installations. The outstanding selectivity in combination with high isolation capability and the suitability for the use by laymen are the main characteristics of this range, including single and multipole devices, different tripping characteristics and a broad range of accessories.

WT63 is a main current limiting device for the use in dedicated motor protection circuits. With WT 63 it is possible to create smart motor protection solutions for 690V applications, where WT63 can be used as a main current limiter for several motor groups - ensuring high breaking capacity by selective current limiting.

The extensive **S800** range offers the right high performance MCBs with high-rated breaking capacities and various tripping characteristics. The units of the S800S series, both AC and DC types, operate in a nominal current range of between 6 and 125 A covering breaking capacities of up to 50 kA.

The S800N is the ideal solution for applications of up to 36 kA, the S800C for applications up to 25 kA; of course also for current ratings of between 10 and 125 A.

The high-rated breaking capacities of up to 50 kA allow electrical distribution systems to be configured and operated safely in an uncomplicated manner.

Compact dimensions ensure that energy distribution systems can be set up in a space-saving way. S800 MCBs satisfy all the main standards and approvals.

For the photovoltaic market ABB supply the new S800PV range allowing complete protection in such innovative plants.

The heavy duty circuit breakers **S500** complete the range of the S800. The devices of the series S500K and S500UC-K provide the opportunity to adjust the rated current. This has the benefit to get a very precise tripping. The S500K has a short-circuit current of up to 50 kA.

The S500UC-K is only for DC applications such as railway systems or DC-networks. He offers a high rated operating voltage up to 750 V DC and a breaking capacity of up to 30 kA.



Miniature circuit-breakers S 280, S 290, S700, S800 and S500 series

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S 280 80 - 100 A			
Electrical Data	Standards	IEC/EN UL/CSA	IEC/EN 60898-1, IEC/EN 60947-2
	Poles		1P, 2P, 3P, 4P
	Tripping characteristics		B, C
	Rated current I_n	A	80...100 A
	Rated voltage U_n	IEC/EN 60898-1	V 1P: 230 V AC 2...4P: 400 V AC
	Rated voltage U_n	IEC/EN 60898-2	V -
	Rated voltage U_o	IEC/EN 60947-2	V 1P: 230 - 240 V AC 2...4P: 230/400 - 240/415 V AC
	Rated voltage	UL/CSA	V -
	Insulation voltage U_i	IEC/EN 60898-1 / 60947-2	V 250 V AC (phase to ground), 500 V AC (phase to phase)
	Max. operating voltage $U_{Bmax.}$		V 1P: 253 V AC 2...4P: 440 V AC
	Min. operating voltage $U_{Bmin.}$		V 12 V AC
	Rated frequency f		Hz 50 / 60 Hz
	Rated short-circuit capacity I_{cn}	IEC/EN 60898-1	kA 6 kA
	Ultimate short-circuit capacity I_{cu}	IEC/EN 60947-2	kA 6 kA
	Service short-circuit capacity I_{cs}	IEC/EN 60947-2	kA 6 kA
	Energy limiting class	IEC/EN 60898-1	-
	Overvoltage category	IEC/EN 60898-1 / 60947-2	III
	Pollution degree	IEC/EN 60898-1 IEC/EN 60947-2	2 3
	Rated impulse withstand voltage $U_{imp.}$ (1.2/50 μ s)	IEC/EN 60898-1 / 60947-2	kV 4 kV (test voltage 6.2 kV at sea level, 5 kV at 2,000 m)
	Dielectric test voltage	IEC/EN 60898-1	kV 2 kV (50 / 60 Hz, 1 min.)
Mechanical Data	Housing		Insulation group I, RAL 7035
	Toggle		Insulation group II, black, sealable
	Contact position indication		Marking on toggle (I ON / 0 OFF), Real CPI (red ON / green OFF)
	Protection degree	IEC/EN 60529	IP20 / IPXXB, IP40 in enclosure with cover
	Electrical endurance		ops. 4,000 ops.
	Mechanical endurance		ops. 10,000 ops.
	Shock resistance	IEC/EN 60068-2-27	30 g - 3 shocks - 11 ms
	Vibration resistance	IEC/EN 60068-2-6	5 g - 20 cycles at 5...150...5 Hz with load 0.8 I_n
	Tropicalization (damp heat cyclic)	IEC/EN 60068-2-30	°C/RH 28 cycles with 55°C/90-96% and 25°C/95-100%
	Ambient temperature		°C -25 ... +55°C
	Storage temperature		°C -40 ... +70°C
	Reference temperature for tripping characteristics	IEC/EN 60898-1 IEC/EN 60947-2	°C B, C: 30°C -
Installation	Terminal		Cage (shock protected)
	Cross-section of conductors (top / bottom)	IEC/EN 60898-1 / 60947-2 UL/CSA	mm ² 35 mm ² / 35 mm ² AWG -
	Cross-section of busbars (top / bottom)	IEC/EN 60898-1 / 60947-2 UL/CSA	mm ² 16 mm ² / 16 mm ² AWG -
	Torque	IEC/EN UL/CSA	Nm 2.5 Nm in-lbs. -
	Screwdriver		No. 2 Pozidrive
	Mounting		On DIN rail 35 mm acc. to EN 60715 by fast clip
	Mounting position		Any
	Supply		Optional
Dimensions and weight	Mounting dimensions	DIN 43880	Mounting dimension 1
	Pole dimensions (H x D x W)		mm 90 x 69 x 17.5 mm
	Pole weight		g ca. 160 g
Combination with aux. elements	signal contact/auxiliary switch		Yes
	shunt trip		Yes
	undervoltage release		Yes

B & C



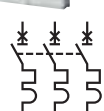
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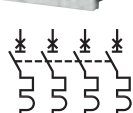
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S 280 80-100A B characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for people and big length cables in TN and IT systems.

Applications: commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=6 kA

Number of poles	Rated current	Order details	Bbn 8012542	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	80	S281 B80	GHS2810001R0805	499503		0.140	1/6
	100	S281 B100	GHS2810001R0825	499602		0.140	1/6
2	80	S282 B80	GHS2820001R0805	500100		0.275	1/3
	100	S282 B100	GHS2820001R0825	500209		0.275	1/3
3	80	S283 B80	GHS2830001R0805	500704		0.400	1/2
	100	S283 B100	GHS2830001R0825	500803		0.400	1/2
4	80	S284 B80	GHS2840001R0805	518006		0.525	1
	100	S284 B100	GHS2840001R0825	518105		0.525	1

S 280 80-100A C characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for resistive and inductive loads with low inrush current.

Applications: commercial and industrial.

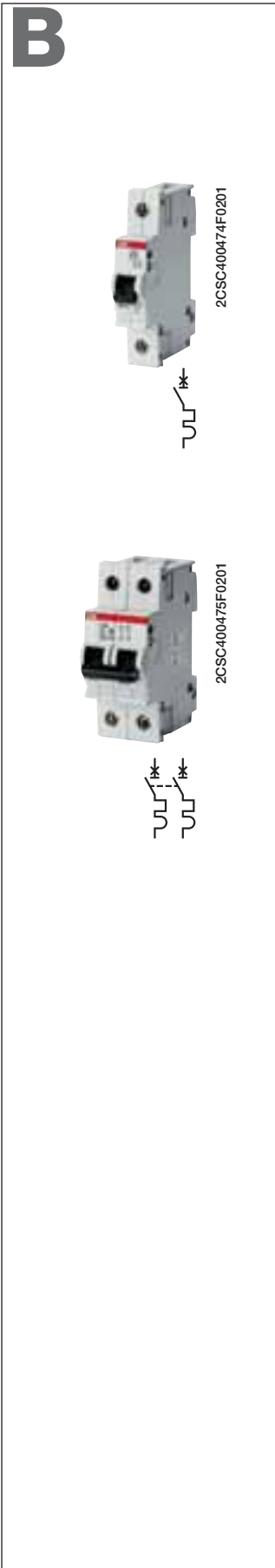
Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=6 kA

Number of poles	Rated current	Order details	Bbn 8012542	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	80	S281 C80	GHS2810001R0804	499305		0.140	1/6
	100	S281 C100	GHS2810001R0824	499404		0.140	1/6
2	80	S282 C80	GHS2820001R0804	499909		0.275	1/3
	100	S282 C100	GHS2820001R0824	500001		0.275	1/3
3	80	S283 C80	GHS2830001R0804	500506		0.400	1/2
	100	S283 C100	GHS2830001R0824	500605		0.400	1/2
4	80	S284 C80	GHS2840001R0804	517801		0.525	1
	100	S284 C100	GHS2840001R0824	517900		0.525	1



S 280 UC			
Electrical Data	Standards	IEC/EN UL/CSA	Acc. to IEC/EN 60898-2, IEC/EN 60947-2 UL 1077, CSA 22.2 No. 235
	Poles		1P, 2P, 3P, 4P
	Tripping characteristics		B, K, Z
	Rated current I_n	A	0.2...63 A
	Rated voltage U_n	IEC/EN 60898-1	V
	Rated voltage U_n	IEC/EN 60898-2	V
	Rated voltage U_e	IEC/EN 60947-2	V
	Rated voltage	UL/CSA	V
	Insulation voltage U_i	IEC/EN 60898-2 / 60947-2	V
	Max. operating voltage $U_{Bmax.}$	V	V
	Min. operating voltage $U_{Bmin.}$	V	V
	Rated frequency f	Hz	50 / 60 Hz
	Rated short-circuit capacity I_{cn}	IEC/EN 60898-2	kA
	Ultimate short-circuit capacity I_{cu}	IEC/EN 60947-2	kA
	Service short-circuit capacity I_{cs}	IEC/EN 60947-2	kA
	Rated interrupting capacity	UL 1077, CSA 22.2 No. 235	kA
	Energy limiting class	IEC/EN 60898-2	3
	Overvoltage category	IEC/EN 60898-2 / 60947-2	III
	Pollution degree	IEC/EN 60898-2 IEC/EN 60947-2	2 3
	Rated impulse withstand voltage $U_{imp.}$ (1.2/50 μ s)	IEC/EN 60898-2 / 60947-2	kV
	Dielectric test voltage	IEC/EN 60898-2	kV
Mechanical Data	Housing		Insulation group I, RAL 7035
	Toggle		Insulation group II, black, sealable
	Contact position indication		Marking on toggle (I ON / 0 OFF), Real CPI (red ON / green OFF)
	Protection degree	IEC/EN 60529	IP20 / IPXXB, IP40 in enclosure with cover
	Electrical endurance	ops.	10,000 ops. (AC), 1,000 ops. (DC)
	Mechanical endurance	ops.	20,000 ops.
	Shock resistance	IEC/EN 60068-2-27	30 g - 3 shocks - 11 ms
	Vibration resistance	IEC/EN 60068-2-6	5g - 20 cycles at 5...150...5 Hz with load 0.8 I_n
	Tropicalization (damp heat cyclic)	IEC/EN 60068-2-30	°C/RH 28 cycles with 55°C/90-96% and 25°C/95-100%
	Ambient temperature	°C	-25 ... +55°C
	Storage temperature	°C	-40 ... +70°C
	Reference temperature for tripping characteristics	IEC/EN 60898-2 IEC/EN 60947-2	°C B: 30°C K, Z: 20°C
	Terminal		Cage (shock protected)
Installation	Cross-section of conductors (top / bottom)	IEC/EN 60898-2 / 60947-2 UL/CSA	mm ² AWG
	Cross-section of busbars (top / bottom)	IEC/EN 60898-2 / 60947-2 UL/CSA	mm ² AWG
	Torque	IEC/EN UL/CSA	Nm in-lbs.
	Screwdriver		No. 2 Pozidrive
	Mounting		On DIN rail 35 mm acc. to EN 60715 by fast clip
	Mounting position		Any
	Supply		Please note polarity of device
	Dimensions and weight	DIN 43880	Mounting dimension 1
Combination with aux. elements	Mounting dimensions		90 x 69 x 17.5 mm
	Pole dimensions (H x D x W)	mm	
	Pole weight	g	ca. 140 g
	signal contact/auxiliary switch		Yes
	shunt trip		Yes
	undervoltage release		Yes



S 280 series UC B characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for people and big length cables in TN and IT systems; version dedicated to application in direct current circuits for voltages up to 220 V DC 1 pole and 440 V DC 2, 3 and 4 poles.

Applications: industrial.

Standard: Acc. to IEC/EN 60898-2

Icn=6 kA

Number of poles	Rated current	Order details	Bbn 4016779	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	6	S281-UC B 6	GHS2810164R0065	162302		0.130	10/40
	10	S281-UC B10	GHS2810164R0105	162401		0.130	10/40
	UBmax 16	S281-UC B16	GHS2810164R0165	162500		0.130	10/40
	254 V~ 20	S281-UC B20	GHS2810164R0205	162609		0.130	10/40
	242 V~... 25	S281-UC B25	GHS2810164R0255	162708		0.130	10/40

2	6	S282-UC B 6	GHS2820164R0065	162807		0.260	5/20
	10	S282-UC B10	GHS2820164R0105	162906		0.260	5/20
	UBmax 16	S282-UC B16	GHS2820164R0165	163002		0.260	5/20
	440 V~ 20	S282-UC B20	GHS2820164R0205	163101		0.260	5/20
	440 V~... 25	S282-UC B25	GHS2820164R0255	163200		0.260	5/20

K



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S 280 series UC K (power) characteristic

Function: protection and control of the circuits like motors and auxiliary circuits, against overloads and short-circuits; version dedicated to application in direct current circuits for voltages up to 220 V DC 1 pole and 440 V DC 2, 3 and 4 poles.

Advantages: no nuisance tripping in the case of functional peak currents up to $8 \times I_n$, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: industrial.

Standard: Acc. to IEC/EN 60947-2

Icu=6 kA

Number of poles	Rated current	Order details	Bbn 4012233	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	0.2	S 281 UC-K 0.2	GHS2810164R0087	634200		0.130	10/40
	0.3	S 281 UC-K 0.3	GHS2810164R0117	634309		0.130	10/40
	0.5	S 281 UC-K 0.5	GHS2810164R0157	634408		0.130	10/40
	0.75	S 281 UC-K 0.75	GHS2810164R0187	635504		0.130	10/40
	1	S 281 UC-K 1	GHS2810164R0217	634606		0.130	10/40
	1.6	S 281 UC-K 1.6	GHS2810164R0257	634705		0.130	10/40
	2	S 281 UC-K 2	GHS2810164R0277	634804		0.130	10/40
	3	S 281 UC-K 3	GHS2810164R0317	634903		0.130	10/40
	4	S 281 UC-K 4	GHS2810164R0337	635009		0.130	10/40
	6	S 281 UC-K 6	GHS2810164R0377	635207		0.130	10/40
	8	S 281 UC-K 8	GHS2810164R0407	635108		0.130	10/40
	10	S 281 UC-K 10	GHS2810164R0427	635306		0.130	10/40
	16	S 281 UC-K 16	GHS2810164R0467	635405		0.130	10/40
	20	S 281 UC-K 20	GHS2810164R0487	635603		0.130	10/40
	25	S 281 UC-K 25	GHS2810164R0517	635702		0.130	10/40
	32	S 281 UC-K 32	GHS2810164R0537	635801		0.130	10/40
	40	S 281 UC-K 40	GHS2810164R0557	635900		0.130	10/40
	50	S 281 UC-K 50	GHS2810164R0577	636006		0.160	10/40
	63	S 281 UC-K 63	GHS2810164R0607	636105		0.160	10/40
UBmax							
254 V~							
242 V -...							
2	0.2	S 282 UC-K 0.2	GHS2820164R0087	636204		0.260	5/20
	0.3	S 282 UC-K 0.3	GHS2820164R0117	636303		0.260	5/20
	0.5	S 282 UC-K 0.5	GHS2820164R0157	636402		0.260	5/20
	0.75	S 282 UC-K 0.75	GHS2820164R0187	636501		0.260	5/20
	1	S 282 UC-K 1	GHS2820164R0217	636600		0.260	5/20
	1.6	S 282 UC-K 1.6	GHS2820164R0257	636709		0.260	5/20
	2	S 282 UC-K 2	GHS2820164R0277	652808		0.260	5/20
	3	S 282 UC-K 3	GHS2820164R0317	636808		0.260	5/20
	4	S 282 UC-K 4	GHS2820164R0337	636907		0.260	5/20
	6	S 282 UC-K 6	GHS2820164R0377	637003		0.260	5/20
	8	S 282 UC-K 8	GHS2820164R0407	637102		0.260	5/20
	10	S 282 UC-K 10	GHS2820164R0427	637201		0.260	5/20
	16	S 282 UC-K 16	GHS2820164R0467	637300		0.260	5/20
	20	S 282 UC-K 20	GHS2820164R0487	637409		0.260	5/20
	25	S 282 UC-K 25	GHS2820164R0517	637508		0.260	5/20
	32	S 282 UC-K 32	GHS2820164R0537	637607		0.260	5/20
	40	S 282 UC-K 40	GHS2820164R0557	637706		0.260	5/20
	50	S 282 UC-K 50	GHS2820164R0577	637904		0.320	5/20
	63	S 282 UC-K 63	GHS2820164R0607	638000		0.320	5/20
UBmax							
440 V~							
440 V -...							

K

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3	0.2	S 283 UC-K 0.2	GHS2830164R0087	738106	0.390	3/12
	0.3	S 283 UC-K 0.3	GHS2830164R0117	738205	0.390	3/12
	0.5	S 283 UC-K 0.5	GHS2830164R0157	738304	0.390	3/12
	0.75	S 283 UC-K 0.75	GHS2830164R0187	738403	0.390	3/12
	1	S 283 UC-K 1	GHS2830164R0217	738502	0.390	3/12
	1.6	S 283 UC-K 1.6	GHS2830164R0257	738601	0.390	3/12
	2	S 283 UC-K 2	GHS2830164R0277	738700	0.390	3/12
	3	S 283 UC-K 3	GHS2830164R0317	738809	0.390	3/12
	4	S 283 UC-K 4	GHS2830164R0337	738908	0.390	3/12
	6	S 283 UC-K 6	GHS2830164R0377	739004	0.390	3/12
	8	S 283 UC-K 8	GHS2830164R0407	739103	0.390	3/12
	10	S 283 UC-K 10	GHS2830164R0427	739202	0.390	3/12
	16	S 283 UC-K 16	GHS2830164R0467	739301	0.390	3/12
	20	S 283 UC-K 20	GHS2830164R0487	739400	0.390	3/12
	25	S 283 UC-K 25	GHS2830164R0517	739509	0.390	3/12
	32	S 283 UC-K 32	GHS2830164R0537	739608	0.390	3/12
UBmax	40	S 283 UC-K 40	GHS2830164R0557	739707	0.390	3/12
440 V~	50	S 283 UC-K 50	GHS2830164R0577	739806	0.480	3/12
440 V ~...	63	S 283 UC-K 63	GHS2830164R0607	739905	0.480	3/12

4	0.2	S 284 UC-K 0.2	GHS2840164R0087	741601	0.520	2
	0.3	S 284 UC-K 0.3	GHS2840164R0117	741700	0.520	2
	0.5	S 284 UC-K 0.5	GHS2840164R0157	741809	0.520	2
	0.75	S 284 UC-K 0.75	GHS2840164R0187	741908	0.520	2
	1	S 284 UC-K 1	GHS2840164R0217	742004	0.520	2
	1.6	S 284 UC-K 1.6	GHS2840164R0257	742103	0.520	2
	2	S 284 UC-K 2	GHS2840164R0277	742202	0.520	2
	3	S 284 UC-K 3	GHS2840164R0317	742301	0.520	2
	4	S 284 UC-K 4	GHS2840164R0337	742400	0.520	2
	6	S 284 UC-K 6	GHS2840164R0377	742509	0.520	2
	8	S 284 UC-K 8	GHS2840164R0407	742608	0.520	2
	10	S 284 UC-K 10	GHS2840164R0427	742707	0.520	2
	16	S 284 UC-K 16	GHS2840164R0467	742806	0.520	2
	20	S 284 UC-K 20	GHS2840164R0487	743001	0.520	2
	25	S 284 UC-K 25	GHS2840164R0517	743100	0.520	2
	32	S 284 UC-K 32	GHS2840164R0537	743209	0.520	2
UBmax	40	S 284 UC-K 40	GHS2840164R0557	743308	0.520	2
440 V~	50	S 284 UC-K 50	GHS2840164R0577	743407	0.640	2
440 V ~...	63	S 284 UC-K 63	GHS2840164R0607	743506	0.640	2

Z



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2CSC400481F0201



S 280 series UC Z characteristic

Function: protection and control of the electronic circuits against weak and long duration overloads and short-circuits; version dedicated to application in direct current circuits for voltages up to 220 V DC 1 pole and 440 V DC 2, 3 and 4 poles.

Applications: industrial.

Standard: Acc. to IEC/EN 60947-2

Icu=6 kA

Number of poles	Rated current	Order details	Bbn 4012233	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	0.5	S 281 UC-Z 0.5	GHS2810164R0158	638604		0.130	10/40
	1	S 281 UC-Z 1	GHS2810164R0218	638703		0.130	10/40
	1.6	S 281 UC-Z 1.6	GHS2810164R0258	638802		0.130	10/40
	2	S 281 UC-Z 2	GHS2810164R0278	638901		0.130	10/40
	3	S 281 UC-Z 3	GHS2810164R0318	639007		0.130	10/40
	4	S 281 UC-Z 4	GHS2810164R0338	639106		0.130	10/40
	6	S 281 UC-Z 6	GHS2810164R0378	639205		0.130	10/40
	8	S 281 UC-Z 8	GHS2810164R0408	639403		0.130	10/40
	10	S 281 UC-Z 10	GHS2810164R0428	639502		0.130	10/40
	16	S 281 UC-Z 16	GHS2810164R0468	639601		0.130	10/40
	20	S 281 UC-Z 20	GHS2810164R0488	639700		0.130	10/40
	25	S 281 UC-Z 25	GHS2810164R0518	639809		0.130	10/40
	32	S 281 UC-Z 32	GHS2810164R0538	639908		0.130	10/40
	40	S 281 UC-Z 40	GHS2810164R0558	640003		0.130	10/40
	50	S 281 UC-Z 50	GHS2810164R0578	640102		0.160	10/40
UBmax	63	S 281 UC-Z 63	GHS2810164R0608	640201		0.160	10/40

2	0.5	S 282 UC-Z 0.5	GHS2820164R0158	640300		0.260	5/20
	1	S 282 UC-Z 1	GHS2820164R0218	640409		0.260	5/20
	1.6	S 282 UC-Z 1.6	GHS2820164R0258	642304		0.260	5/20
	2	S 282 UC-Z 2	GHS2820164R0278	641000		0.260	5/20
	3	S 282 UC-Z 3	GHS2820164R0318	641109		0.260	5/20
	4	S 282 UC-Z 4	GHS2820164R0338	641208		0.260	5/20
	6	S 282 UC-Z 6	GHS2820164R0378	641307		0.260	5/20
	8	S 282 UC-Z 8	GHS2820164R0408	641406		0.260	5/20
	10	S 282 UC-Z 10	GHS2820164R0428	641505		0.260	5/20
	16	S 282 UC-Z 16	GHS2820164R0468	641604		0.260	5/20
	20	S 282 UC-Z 20	GHS2820164R0488	641703		0.260	5/20
	25	S 282 UC-Z 25	GHS2820164R0518	641802		0.260	5/20
	32	S 282 UC-Z 32	GHS2820164R0538	641901		0.260	5/20
	40	S 282 UC-Z 40	GHS2820164R0558	642007		0.260	5/20
	50	S 282 UC-Z 50	GHS2820164R0578	642106		0.320	5/20
UBmax	63	S 282 UC-Z 63	GHS2820164R0608	642205		0.320	5/20

Z



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3	0.5	S 283 UC-Z 0.5	GHS2830164R0158	740000	0.390	3/12
	1	S 283 UC-Z 1	GHS2830164R0218	740109	0.390	3/12
	1.6	S 283 UC-Z 1.6	GHS2830164R0258	740208	0.390	3/12
	2	S 283 UC-Z 2	GHS2830164R0278	740307	0.390	3/12
	3	S 283 UC-Z 3	GHS2830164R0318	740406	0.390	3/12
	4	S 283 UC-Z 4	GHS2830164R0338	740505	0.390	3/12
	6	S 283 UC-Z 6	GHS2830164R0378	740604	0.390	3/12
	8	S 283 UC-Z 8	GHS2830164R0408	740703	0.390	3/12
	10	S 283 UC-Z 10	GHS2830164R0428	740802	0.390	3/12
	16	S 283 UC-Z 16	GHS2830164R0468	740901	0.390	3/12
	20	S 283 UC-Z 20	GHS2830164R0488	741007	0.390	3/12
	25	S 283 UC-Z 25	GHS2830164R0518	741106	0.390	3/12
	32	S 283 UC-Z 32	GHS2830164R0538	741205	0.390	3/12
	40	S 283 UC-Z 40	GHS2830164R0558	741304	0.390	3/12
	50	S 283 UC-Z 50	GHS2830164R0578	741403	0.480	3/12
	63	S 283 UC-Z 63	GHS2830164R0608	741502	0.480	3/12

4	0.5	S 284 UC-Z 0.5	GHS2840164R0158	743605	0.520	2
	1	S 284 UC-Z 1	GHS2840164R0218	743704	0.520	2
	1.6	S 284 UC-Z 1.6	GHS2840164R0258	743803	0.520	2
	2	S 284 UC-Z 2	GHS2840164R0278	743902	0.520	2
	3	S 284 UC-Z 3	GHS2840164R0318	744008	0.520	2
	4	S 284 UC-Z 4	GHS2840164R0338	744107	0.520	2
	6	S 284 UC-Z 6	GHS2840164R0378	744206	0.520	2
	8	S 284 UC-Z 8	GHS2840164R0408	744305	0.520	2
	10	S 284 UC-Z 10	GHS2840164R0428	744404	0.520	2
	16	S 284 UC-Z 16	GHS2840164R0468	744503	0.520	2
	20	S 284 UC-Z 20	GHS2840164R0488	744602	0.520	2
	25	S 284 UC-Z 25	GHS2840164R0518	744701	0.520	2
	32	S 284 UC-Z 32	GHS2840164R0538	744800	0.520	2
	40	S 284 UC-Z 40	GHS2840164R0558	744909	0.520	2
	50	S 284 UC-Z 50	GHS2840164R0578	745005	0.640	2
	63	S 284 UC-Z 63	GHS2840164R0608	745104	0.640	2



S 290				
Electrical Data	Standards	IEC/EN UL/CSA	IEC/EN 60898-1, IEC/EN 60947-2 UL 1077	
	Poles		1P, 2P, 3P, 4P	
	Tripping characteristics		B, C, D, K	
	Rated current I_n	A	80...125 A	
	Rated voltage U_n	IEC/EN 60898-1	V	1P: 230 V AC 2...4P: 400 V AC
	Rated voltage U_n	IEC/EN 60898-2	V	—
	Rated voltage U_o	IEC/EN 60947-2	V	1P: 230 V AC 2...4P: 230/400 V AC
	Rated voltage	UL/CSA	V	1P: 277 V AC 2...4P: 480/277 V AC
	Insulation voltage U_i	IEC/EN 60898-1 / 60947-2	V	250 V AC (phase to ground), 500 V AC (phase to phase)
	Max. operating voltage $U_{Bmax.}$		V	IEC: 253/440 V AC UL: 480/277 V AC IEC/UL 1P: 60 V DC; 2P...4P: 125 V DC
	Min. operating voltage $U_{Bmin.}$		V	24 V AC - 24 V DC
	Rated frequency f		Hz	50 / 60 Hz
	Rated short-circuit capacity I_{cn}	IEC/EN 60898-1	kA	10 kA
	Ultimate short-circuit capacity I_{cu}	IEC/EN 60947-2	kA	B, C: 20 kA D, K: 15 kA
	Service short-circuit capacity I_{cs}	IEC/EN 60947-2	kA	B, C: 10 kA D, K: 8 kA
	Rated interrupting capacity	UL 1077	kA	5 kA
	Energy limiting class	IEC/EN 60898-1		—
	Overvoltage category	IEC/EN 60898-1 / 60947-2		III
	Pollution degree	IEC/EN 60898-1 IEC/EN 60947-2		3 —
	Rated impulse withstand voltage $U_{imp.}$ (1.2/50 μ s)	IEC/EN 60898-1 / 60947-2	kV	4 kV (test voltage 6.2kV at sea level, 5 kV at 2,000 m)
Mechanical Data	Dielectric test voltage	IEC/EN 60898-1	kV	2 kV (50 / 60 Hz, 1 min.)
	Housing			black, sealable
	Toggle			Real CPI (red ON / green OFF)
	Contact position indication			IP20 with connected conductors / IPXXB, IP40 in enclosure with cover
	Protection degree	IEC/EN 60529		
	Electrical endurance		ops.	10,000 ops.
	Mechanical endurance		ops.	20,000 ops.
	Shock resistance	IEC/EN 60068-2-27		15 g - 1 shock - 11 ms
	Vibration resistance	IEC/EN 60068-2-6		5g at 25...150 Hz, 6g at 35 Hz (4s) with load 0.8 I_n
	Tropicalization (damp heat cyclic)	IEC/EN 60068-2-30	°C/RH	28 cycles with 55°C/90-96% and 25°C/95-100%
	Ambient temperature		°C	-25 ... +45°C
	Storage temperature		°C	-40 ... +70°C
Installation	Reference temperature for tripping characteristics	IEC/EN 60898-1 IEC/EN 60947-2	°C	B, C, D: 30°C K: 20°C
	Terminal			Cage (shock protected)
	Cross-section of conductors (top / bottom)	IEC/EN 60898-1 / 60947-2 UL/CSA	mm ² AWG	50 mm ² / 50 mm ² 14 - 2 AWG
	Cross-section of busbars (top / bottom)	IEC/EN 60898-1 / 60947-2 UL/CSA	mm ² AWG	— —
	Torque	IEC/EN UL/CSA	Nm in-lbs.	2.5...3.5 Nm 22 - 31 in-lbs.
	Screwdriver			No. 2 Pozidrive
	Mounting			On DIN rail 35 mm acc. to EN 60715 by fast clip
	Mounting position			Any
Dimensions and weight	Supply			Optional
	Mounting dimensions	DIN 43880		—
	Pole dimensions (H x D x W)		mm	90 x 70 x 26.25 mm
Combination with aux. elements	Pole weight		g	ca. 258 g
	signal contact/auxiliary switch			Yes
	shunt trip			Yes
	undervoltage release			Yes

10000

B



2CSC400020F0201



2CSC400010F0201



2CSC400011F0201



2CSC400012F0201

S 290 B characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for people and big length cables in TN and IT systems.

Applications: commercial and industrial.

Standard: IEC/EN 60898-1, IEC/EN 60947-2

Icn=10 kA

Number of poles	Rated current	Order details	Bbn 4016797	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	80	S291 B 80	GHS2912001R0805	12163		0.267	1/6
	100	S291 B100	GHS2912001R0825	12170		0.267	1/6
	125	S291 B125	GHS2912001R0845	12187		0.267	1/6
2	80	S292 B 80	GHS2922001R0805	09583		0.534	1/3
	100	S292 B100	GHS2922001R0825	09590		0.534	1/3
	125	S292 B125	GHS2922001R0845	12194		0.534	1/3
3	80	S293 B 80	GHS2932001R0805	09606		0.801	1/2
	100	S293 B100	GHS2932001R0825	09613		0.801	1/2
	125	S293 B125	GHS2932001R0845	12200		0.801	1/2
4	80	S294 B 80	GHS2942001R0805	11968		1.068	1
	100	S294 B100	GHS2942001R0825	11975		1.068	1
	125	S294 B125	GHS2942001R0845	12217		1.068	1

C

2



2CSC400020F0201



2CSC400010F0201



2CSC400011F0201



2CSC400012F0201

S 290 C characteristic

Function: protection and control of the circuits against overloads and short-circuits when high nominal currents are required; protection for resistive and inductive loads with low inrush current.

Applications: commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=10 kA

Number of poles	Rated current	Order details	Bbn 4016799	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	80	S291 C 80	GHS2912001R0804	570541		0.267	1/6
	100	S291 C100	GHS2912001R0824	570572		0.267	1/6
	125	S291 C125	GHS2912001R0844	570602		0.267	1/6
2	80	S292 C 80	GHS2922001R0804	570626		0.534	1/3
	100	S292 C100	GHS2922001R0824	570657		0.534	1/3
	125	S292 C125	GHS2922001R0844	570688		0.534	1/3
3	80	S293 C 80	GHS2932001R0804	570701		0.801	1/2
	100	S293 C100	GHS2932001R0824	570732		0.801	1/2
	125	S293 C125	GHS2932001R0844	570763		0.801	1/2
4	80	S294 C 80	GHS2942001R0804	570787		1.068	1
	100	S294 C100	GHS2942001R0824	570732		1.068	1
	125	S294 C125	GHS2942001R0844	570848		1.068	1

D



2CSC400020F0201



2CSC400010F0201



2CSC400011F0201



2CSC400012F0201

S 290 D characteristic

Function: protection and control of the circuits against overloads and short-circuits when high nominal current are required; protection for circuits which supply loads with high inrush current at the circuit closing (motors, LV / LV transformers, breakdown lamps).

Applications: commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=10 kA

Number of poles	Rated current	Order details	Bbn 4016799	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	80	S291 D 80	GHS2912001R0801	120807		0.267	1/6
	100	S291 D 100	GHS2912001R0821	120906		0.267	1/6
2	80	S292 D 80	GHS2922001R0801	121002		0.534	1/3
	100	S292 D 100	GHS2922001R0821	121507		0.534	1/3
3	80	S293 D 80	GHS2932001R0801	121705		0.801	1/2
	100	S293 D 100	GHS2932001R0821	121804		0.801	1/2
4	80	S294 D 80	GHS2942001R0801	121200		1.068	1
	100	S294 D 100	GHS2942001R0821	121309		1.068	1

2

K



2CSC400020F0201



2CSC400010F0201



2CSC400011F0201



2CSC400012F0201



S 290 K (power) characteristic

Function: protection and control of the circuits like motors, transformer and auxiliary circuits, against overloads and short-circuits when high nominal current are required.
Advantages: no nuisance tripping in the case of functional peak currents up to 8xIn, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, VDE 0660 Part 101

Icn=10 kA

Number of poles	Rated current	Order details	Bbn	Price	Price group	Weight	Pack
	In A	Type code	Order code	EAN		kg	pc.
1	80	S291 K 80	GHS2912001R0807	570558		0.267	1/6
	100	S291 K100	GHS2912001R0827	570589		0.267	1/6
2	80	S292 K 80	GHS2922001R0807	570633		0.534	1/3
	100	S292 K100	GHS2922001R0827	570664		0.534	1/3
3	80	S293 K 80	GHS2932001R0807	570718		0.801	1/2
	100	S293 K100	GHS2932001R0827	570749		0.801	1/2
4	80	S294 K 80	GHS2942001R0807	570794		1.068	1
	100	S294 K100	GHS2942001R0827	570824		1.068	1



TECHNICAL FEATURES				S700	
	Standards		E DIN VDE 0645, IEC/EN 60947-2 (VDE 0660-101)		
Electrical features	Rated current, In		[A]	10 ... 100	
	Reated voltage, Un		[V]	230/400	
	Tripping characteristic			E, K	
	thermal tripping			1,05 ... 1,2 x In	
	short-time delayed tripping			E: 5 ... 6,25 x In	
				K: 10 ... 14 x In (≤ 50 A), 8 ...12 x In (≥ 63 A)	
	minimum tripping delay		[ms]	10	
	Rated breaking capacity		[kA]	25	
	Rated frequency		[Hz]	50	
	Rated isolation voltage		[V]	690	
	Rated impulse withstand capability (at 2000 m)		[kV]	6	
	Impulse withstand test voltage (1.2/50 μs)		[kV]	12.3	
	Isolation coordination		overvoltage category	IV	
		pollution degree	3		
		isolation function	acc. to IEC 60364-53, VDE 0100-537		
Dielectric strength test voltage		[V]	2000 (50 Hz, 1 min.)		
IP protection		depending on type of terminal cover			
Mechanical features	Mechanical switching cycles		without load	1000	
			with rated current	1000	
	Shock resistance		30 g (≥ 3 shocks, 11 ms)		
	Resistance to vibrations		2 g (20 cycles 5...150...5 Hz)		
	Reference temperature		[°C]	30 (E), 20 (K)	
	Ambient temperature		storage	[°C]	-40 ... +70
			operating	[°C]	-25 ... +55
	Sealing/locking		sealable with 1 mm wire, lockable with 3 mm padlock,see also special accessories		
Installation	Mounting		surface mounting with 2 screws, DIN rail mounting (35 mm DIN rail acc. to EN 60715, 40 mm busbar systems (4/5-pole, 5/10 mm x 12 mm)		
	Terminal type		saddle clamping		
	Terminal size		capable to connect solid and rigid stranded conductors incl. flexible conductors 2.5...50 mm²/70 mm²		
	Terminal screws tighning torque		[Nm]	2.5 ... 3	
	Max. torque for surface mounting		[Nm]	2.5 ... 3 (only fl at-headed screws, no circlips)	
	Source/load side		no preferencies		
	Dimensions and weight	Size		see drawings	
Weight		see order tables			
Accessories			Factory assembled auxiliary switch (2 change-over contacts)		
			Terminal covers		
			Handle covers		
			Busbar adapters		
			DIN rail adapters		
			Locking devices		

E

selective
25.000 A

2



S0029b98



S0011b95



S0001B95



S0012b95

S700 E characteristic

Breakers of the S700 series are selective main circuit breakers for overcurrent protection in electrical installations. They have total selectivity to downstream mcb's and outstanding selectivity to upstream protective devices due to unique current limiting selectivity. Since S700 breakers are designed for overvoltage category IV and incorporate isolation function, they are predestinated for the use in any main distribution cabinet or meter board.

The S700 product range is completed by a broad range of accessories. With dedicated adapters, S700 products can be assembled on flat surfaces, on DIN rails or 40 mm busbar systems. To adapt S700 to different installations, they are available 1- to 4-pole with tripping characteristic E and K - optional with factory assembled auxiliary switch.

Number of poles	Rated current	Order details	Bbn 4012233	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	10	S701-E 10	GHS7015001 R0449	522507		0.55	3
	16	S701-E 16	GHS7015001 R0469	522705		0.55	3
	20	S701-E 20	GHS7015001 R0489	522903		0.55	3
	25	S701-E 25	GHS7015001 R0519	523108		0.55	3
	32	S701-E 32	GHS7015001 R0529	523207		0.55	3
	35	S701-E 35	GHS7015001 R0539	523405		0.55	3
	40	S701-E 40	GHS7015001 R0559	523603		0.55	3
	50	S701-E 50	GHS7015001 R0579	523801		0.55	3
	63	S701-E 63	GHS7015001 R0599	524006		0.55	3
	80	S701-E 80	GHS7015001 R0629	524204		0.55	3
	100	S701-E 100	GHS7015001 R0639	524402		0.55	3
2	16	S702-E 16	GHS7025001 R0469	105200 ¹⁾		1.1	2
	20	S702-E 20	GHS7025001 R0489	949007		1.1	2
	25	S702-E 25	GHS7025001 R0519	104005 ¹⁾		1.1	2
	32	S702-E 32	GHS7025001 R0529	105408 ¹⁾		1.1	2
	35	S702-E 35	GHS7025001 R0539	105309 ¹⁾		1.1	2
	40	S702-E 40	GHS7025001 R0559	105507 ¹⁾		1.1	2
	50	S702-E 50	GHS7025001 R0579	105606 ¹⁾		1.1	2
	63	S702-E 63	GHS7025001 R0599	052009 ¹⁾		1.1	2
	80	S702-E 80	GHS7025001 R0629	109604 ¹⁾		1.1	2
	100	S702-E 100	GHS7025001 R0639	062503 ¹⁾		1.1	2
3	16	S703-E 16	GHS7035001 R0469	865703		1.65	1
	20	S703-E 20	GHS7035001 R0489	526307		1.65	1
	25	S703-E 25	GHS7035001 R0519	526505		1.65	1
	32	S703-E 32	GHS7035001 R0529	526604		1.65	1
	35	S703-E 35	GHS7035001 R0539	526802		1.65	1
	40	S703-E 40	GHS7035001 R0559	527007		1.65	1
	50	S703-E 50	GHS7035001 R0579	527205		1.65	1
	63	S703-E 63	GHS7035001 R0599	527403		1.65	1
	80	S703-E 80	GHS7035001 R0629	527601		1.65	1
	100	S703-E 100	GHS7035001 R0639	527809		1.65	1
4	16	S704-E 16	GHS7045001 R0469	110600 ¹⁾		2.2	1
	20	S704-E 20	GHS7045001 R0489	110709 ¹⁾		2.2	1
	25	S704-E 25	GHS7045001 R0519	104104 ¹⁾		2.2	1
	32	S704-E 32	GHS7045001 R0529	110808 ¹⁾		2.2	1
	35	S704-E 35	GHS7045001 R0539	104203 ¹⁾		2.2	1
	40	S704-E 40	GHS7045001 R0559	110907 ¹⁾		2.2	1
	50	S704-E 50	GHS7045001 R0579	111003 ¹⁾		2.2	1
	63	S704-E 63	GHS7045001 R0599	111102 ¹⁾		2.2	1
	80	S704-E 80	GHS7045001 R0629	111201 ¹⁾		2.2	1
	100	S704-E 100	GHS7045001 R0639	062602 ¹⁾		2.2	1

¹⁾ bbn-Nr. 40 16779

K

selective
25.000 A



S0029b98



S0011b95



S0001B95



S0012b95



S700 K characteristic

Breakers of the S700 series are selective main circuit breakers for overcurrent protection in electrical installations. They have total selectivity to downstream mcb's and outstanding selectivity to upstream protective devices due to unique current limiting selectivity. Since S700 breakers are designed for overvoltage category IV and incorporate isolation function, they are predestinated for the use in any main distribution cabinet or meter board.

The S700 product range is completed by a broad range of accessories. With dedicated adapters, S700 products can be assembled on flat surfaces, on DIN rails or 40 mm busbar systems. To adapt S700 to different installations, they are available 1- to 4-pole with tripping characteristic E and K - optional with factory assembled auxiliary switch.

Number of poles	Rated current	Order details	Bbn 4012233	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	16	S701-K 16	GHS7015001R0467	522606		0.55	3
	20	S701-K 20	GHS7015001R0487	522804		0.55	3
	25	S701-K 25	GHS7015001R0517	523009		0.55	3
	35	S701-K 35	GHS7015001R0537	523306		0.55	3
	40	S701-K 40	GHS7015001R0557	523504		0.55	3
	50	S701-K 50	GHS7015001R0577	523702		0.55	3
	63	S701-K 63	GHS7015001R0597	523900		0.55	3
	80	S701-K 80	GHS7015001R0627	524105		0.55	3
	100	S701-K 100	GHS7015001R0637	524303		0.55	3
2	16	S702-K 16	GHS7025001R0467	109802¹⁾		1.1	2
	20	S702-K 20	GHS7025001R0487	109703¹⁾		1.1	2
	25	S702-K 25	GHS7025001R0517	109901¹⁾		1.1	2
	35	S702-K 35	GHS7025001R0537	110006¹⁾		1.1	2
	40	S702-K 40	GHS7025001R0557	110105¹⁾		1.1	2
	50	S702-K 50	GHS7025001R0577	110204¹⁾		1.1	2
	63	S702-K 63	GHS7025001R0597	110303¹⁾		1.1	2
	80	S702-K 80	GHS7025001R0627	110402¹⁾		1.1	2
	100	S702-K 100	GHS7025001R0637	110501¹⁾		1.1	2
3	16	S703-K 16	GHS7035001R0467	526109		1.65	1
	20	S703-K 20	GHS7035001R0487	526208		1.65	1
	25	S703-K 25	GHS7035001R0517	526406		1.65	1
	35	S703-K 35	GHS7035001R0537	526703		1.65	1
	40	S703-K 40	GHS7035001R0557	526901		1.65	1
	50	S703-K 50	GHS7035001R0577	527106		1.65	1
	63	S703-K 63	GHS7035001R0597	527304		1.65	1
	80	S703-K 80	GHS7035001R0627	527502		1.65	1
	100	S703-K 100	GHS7035001R0637	527700		1.65	1
4	16	S704-K 16	GHS7045001R0467	111300¹⁾		2.2	1
	20	S704-K 20	GHS7045001R0487	111409¹⁾		2.2	1
	25	S704-K 25	GHS7045001R0517	111508¹⁾		2.2	1
	35	S704-K 35	GHS7045001R0537	111607¹⁾		2.2	1
	40	S704-K 40	GHS7045001R0557	111706¹⁾		2.2	1
	50	S704-K 50	GHS7045001R0577	965205		2.2	1
	63	S704-K 63	GHS7045001R0597	955503		2.2	1
	80	S704-K 80	GHS7045001R0627	111805¹⁾		2.2	1
	100	S704-K 100	GHS7045001R0637	111904¹⁾		2.2	1

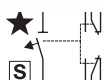
¹⁾ bbn-Nr. 40 16779

E

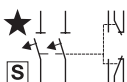
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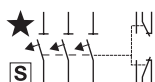
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S0012b95



S700 E characteristic

Breakers of the S700 series are selective main circuit breakers for overcurrent protection in electrical installations. They have total selectivity to downstream mcb's and outstanding selectivity to upstream protective devices due to unique current limiting selectivity. Since S700 breakers are designed for overvoltage category IV and incorporate isolation function, they are predestinated for the use in any main distribution cabinet or meter board.

The S700 product range is completed by a broad range of accessories. With dedicated adapters, S700 products can be assembled on flat surfaces, on DIN rails or 40 mm busbar systems. To adapt S700 to different installations, they are available 1- to 4-pole with tripping characteristic E and K - optional with factory assembled auxiliary switch.

With factory assembled auxiliary switch (change-over contacts)

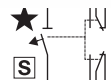
Number of poles	Rated current	Order details	Bbn 4012233	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	16	S701-E 16+H2WR	GHS7010316 R0469	456609		0.65	3
	20	S701-E 20+H2WR	GHS7010316 R0489	456708		0.65	3
	25	S701-E 25+H2WR	GHS7010316 R0519	456807		0.65	3
	32	S701-E 32+H2WR	GHS7010316 R0529	456906		0.65	3
	35	S701-E 35+H2WR	GHS7010316 R0539	457002		0.65	3
	40	S701-E 40+H2WR	GHS7010316 R0559	457101		0.65	3
	50	S701-E 50+H2WR	GHS7010316 R0579	457200		0.65	3
	63	S701-E 63+H2WR	GHS7010316 R0599	457309		0.65	3
	80	S701-E 80+H2WR	GHS7010316 R0629	457408		0.65	3
	100	S701-E 100+H2WR	GHS7010316 R0639	457507		0.65	3
2	16	S702-E 16+H2WR	GHS7020316 R0469	458405		1.2	2
	20	S702-E 20+H2WR	GHS7020316 R0489	458504		1.2	2
	25	S702-E 25+H2WR	GHS7020316 R0519	458603		1.2	2
	32	S702-E 32+H2WR	GHS7020316 R0529	458702		1.2	2
	35	S702-E 35+H2WR	GHS7020316 R0539	458801		1.2	2
	40	S702-E 40+H2WR	GHS7020316 R0559	458900		1.2	2
	50	S702-E 50+H2WR	GHS7020316 R0579	459006		1.2	2
	63	S702-E 63+H2WR	GHS7020316 R0599	459105		1.2	2
	80	S702-E 80+H2WR	GHS7020316 R0629	459204		1.2	2
	100	S702-E 100+H2WR	GHS7020316 R0639	459303		1.2	2
3	16	S703-E 16+H2WR	GHS7030316 R0469	460200		1.75	1
	20	S703-E 20+H2WR	GHS7030316 R0489	460309		1.75	1
	25	S703-E 25+H2WR	GHS7030316 R0519	460408		1.75	1
	32	S703-E 32+H2WR	GHS7030316 R0529	460507		1.75	1
	35	S703-E 35+H2WR	GHS7030316 R0539	460606		1.75	1
	40	S703-E 40+H2WR	GHS7030316 R0559	460705		1.75	1
	50	S703-E 50+H2WR	GHS7030316 R0579	460804		1.75	1
	63	S703-E 63+H2WR	GHS7030316 R0599	460903		1.75	1
	80	S703-E 80+H2WR	GHS7030316 R0629	461009		1.75	1
	100	S703-E 100+H2WR	GHS7030316 R0639	461108		1.75	1
4	16	S704-E 16+H2WR	GHS7040316 R0469	462006		2.3	1
	20	S704-E 20+H2WR	GHS7040316 R0489	462105		2.3	1
	25	S704-E 25+H2WR	GHS7040316 R0519	462204		2.3	1
	32	S704-E 32+H2WR	GHS7040316 R0529	462303		2.3	1
	35	S704-E 35+H2WR	GHS7040316 R0539	462402		2.3	1
	40	S704-E 40+H2WR	GHS7040316 R0559	462501		2.3	1
	50	S704-E 50+H2WR	GHS7040316 R0579	462600		2.3	1
	63	S704-E 63+H2WR	GHS7040316 R0599	462709		2.3	1
	80	S704-E 80+H2WR	GHS7040316 R0629	462808		2.3	1
	100	S704-E 100+H2WR	GHS7040316 R0639	462907		2.3	1

K

selective
25.000 A



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S700 K characteristic

Breakers of the S700 series are selective main circuit breakers for overcurrent protection in electrical installations. They have total selectivity to downstream mcb's and outstanding selectivity to upstream protective devices due to unique current limiting selectivity. Since S700 breakers are designed for overvoltage category IV and incorporate isolation function, they are predestinated for the use in any main distribution cabinet or meter board.

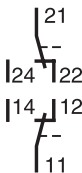
The S700 product range is completed by a broad range of accessories. With dedicated adapters, S700 products can be assembled on flat surfaces, on DIN rails or 40 mm busbar systems. To adapt S700 to different installations, they are available 1- to 4-pole with tripping characteristic E and K - optional with factory assembled auxiliary switch.

With factory assembled auxiliary switch (change-over contacts)

Number of poles	Rated current	Order details	Bbn 4012233	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN	kg	pc.		
1	16	S701-K 16+H2WR	GHS7010316R0467	455800		0.65	3
	20	S701-K 20+H2WR	GHS7010316R0487	455909		0.65	3
	25	S701-K 25+H2WR	GHS7010316R0517	456005		0.65	3
	35	S701-K 35+H2WR	GHS7010316R0537	456104		0.65	3
	40	S701-K 40+H2WR	GHS7010316R0557	456203		0.65	3
	50	S701-K 50+H2WR	GHS7010316R0577	456302		0.65	3
	63	S701-K 63+H2WR	GHS7010316R0597	456401		0.65	3
	80	S701-K 80+H2WR	GHS7010316R0627	499651		0.65	3
	100	S701-K 100+H2WR	GHS7010316R0637	499729		0.65	3
2	16	S702-K 16+H2WR	GHS7020316R0467	457606		1.2	2
	20	S702-K 20+H2WR	GHS7020316R0487	457705		1.2	2
	25	S702-K 25+H2WR	GHS7020316R0517	457804		1.2	2
	35	S702-K 35+H2WR	GHS7020316R0537	457903		1.2	2
	40	S702-K 40+H2WR	GHS7020316R0557	458009		1.2	2
	50	S702-K 50+H2WR	GHS7020316R0577	458108		1.2	2
	63	S702-K 63+H2WR	GHS7020316R0597	458207		1.2	2
	80	S702-K 80+H2WR	GHS7020316R0627	499750		1.2	2
	100	S702-K 100+H2WR	GHS7020316R0637	499767		1.2	2
3	16	S703-K 16+H2WR	GHS7030316R0467	459402		1.75	1
	20	S703-K 20+H2WR	GHS7030316R0487	459501		1.75	1
	25	S703-K 25+H2WR	GHS7030316R0517	459600		1.75	1
	35	S703-K 35+H2WR	GHS7030316R0537	459709		1.75	1
	40	S703-K 40+H2WR	GHS7030316R0557	459808		1.75	1
	50	S703-K 50+H2WR	GHS7030316R0577	459907		1.75	1
	63	S703-K 63+H2WR	GHS7030316R0597	460002		1.75	1
	80	S703-K 80+H2WR	GHS7030316R0627	499774		1.75	1
	100	S703-K 100+H2WR	GHS7030316R0637	499781		1.75	1
4	16	S704-K 16+H2WR	GHS7040316R0467	461207		2.3	1
	20	S704-K 20+H2WR	GHS7040316R0487	461306		2.3	1
	25	S704-K 25+H2WR	GHS7040316R0517	461405		2.3	1
	35	S704-K 35+H2WR	GHS7040316R0537	461504		2.3	1
	40	S704-K 40+H2WR	GHS7040316R0557	461603		2.3	1
	50	S704-K 50+H2WR	GHS7040316R0577	461702		2.3	1
	63	S704-K 63+H2WR	GHS7040316R0597	461801		2.3	1
	80	S704-K 80+H2WR	GHS7040316R0627	499798		2.3	1
	100	S704-K 100+H2WR	GHS7040316R0637	499804		2.3	1



Auxiliary switch



WT63 characteristic

WT63 is a short-circuit current limiter for 690 V AC applications.
In combination with other ABB devices WT63 offers smart solutions for coordinated motor protection according to IEC/EN 60947-4-1. As a main limiting device, WT63 can increase the short-circuit breaking capability for several groups of motor circuits to high values at 690 V AC. For further information according to selection and installation see the coordination table.

Number of poles	Rated current	Order details	Bbn	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
3	63	WT63-3	2CDH103012R0599	510677		1.65	1

with factory assembled auxiliary switch (change-over contacts)

3	63	WT63-3 HS	2CDH103816R0599	510684		1.75	1
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terminal cover (2 per pole mandatory)

	S700 KA 1	GHS7001903R0001	520203 ¹⁾			0.001	6
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¹⁾ bbn-Nr. 40 12233

Motor starter combinations acc. to IEC/EN 60947-4-1
690 V AC, 35 kA, type 2, normal start-up

Motor		Current limiter	short-circuit protection		contactor		overload protection		wiring
Rated output	Rated current		manual motor starter	tripping current	Type	safety clearance [mm]	Type	current setting range [A]	WT63-MMS
[kW]	[A]			[A]					[mm ²]
0.37	0.61	WT63-3 or WT63-3 HS	MS/MO 325-1.0	11.50	A9	15	TA 25 DU 1.0	0.63-1.0	max. 16
1.5	2.08		MS/MO 325-2.5	28.75	A12	15	TA 25 DU 2.4	1.7-2.4	max. 16
1.1	2.36		MS/MO 325-2.5	28.75	A12	15	TA 25 DU 3.1	2.3-3.1	max. 16
3	3.6		MS/MO 325-4.0	40.00	A12	15	TA 25 DU 4.0	2.8-4.0	max. 16
4	4.97		MS/MO 325-6.3	78.75	A26	15	TA 25 DU 6.5	4.5-6.5	max. 16
7.5	8.7		MS/MO 325-12.5	187.50	A26	15	TA 25 DU 11	7.5-11	max. 16

For further combinations please contact the manufacturer.

Application notes

- WT63 may only be used for motor starter combinations confirmed by the manufacturer
- Max. no. of motor groups to be protected by WT63: 5
- The wiring between WT63 and MMS has to be short-circuit proof
- WT63 has to be installed with fitted terminal covers (factory assembled)
- The max. total operating current of WT63 has to be limited to 63 A, the max. total start-up current shall not exceed 450 A

For more details see separate product brochure.



TECHNICAL FEATURES		S800S			
Characteristics available		B, C, D	K	KM	UCB, UCK
Max. rated continuous current I_n	[A]	6...125	6...125	20...80	10...125
Poles		1...4	1...4	3	1...4
Rated operating voltage U_e					
(AC) 50/60Hz	[V]	400/690	400/690	400/690	-
(DC)/pole	[V]	max. 125	max. 125	max. 125	250
Rated insulation voltage U_i	[V]	690	690	690	250 ①
Rated impulse withstand voltage U_{imp}	[kV]	8	8	8	8
Ultimate short-circuit breaking capacity I_{cu} in accordance with IEC 60947-2					
(AC) 50/60Hz 240/415V	[kA]	50	50	50	-
(AC) 50/60Hz 254/440V	[kA]	30	30	30	-
(AC) 50/60Hz 289/500V (up to 80A)	[kA]	15	15	15	-
(AC) 50/60Hz 289/500V (100...125A)	[kA]	10	10	10	-
(AC) 50/60Hz 400/690V (up to 80A)	[kA]	6	6	6	-
(AC) 50/60Hz 400/690V (100...125A)	[kA]	4.5	4.5	4.5	-
(DC) 125V (1-pole)	[kA]	30	30	-	-
(DC) 250V (1-pole)	[kA]	-	-	-	50
(DC) 250V (2-pole)	[kA]	30	30	-	-
(DC) 375V (3-pole)	[kA]	30	30	30	-
(DC) 500V (2-pole)	[kA]	-	-	-	50
(DC) 500V (4-pole)	[kA]	30	30	-	-
(DC) 750V (3-pole)	[kA]	-	-	-	50
(DC) 750V (4-pole)	[kA]	-	-	-	50
Rated short-circuit breaking capacity I_{cs} EN 60898-1					
(AC) 50/60Hz 240/415V (up to 80A)	[kA]	25	-	-	-
Service short-circuit breaking capacity I_{cs} in accordance with IEC 60947-2					
(AC) 50/60Hz 240/415V	[kA]	40	40	40	-
(AC) 50/60Hz 254/440V (up to 80A)	[kA]	22.5	22.5	22.5	-
(AC) 50/60Hz 254/440V (100...125A)	[kA]	15	15	15	-
(AC) 50/60Hz 289/500V (up to 63A)	[kA]	11	11	11	-
(AC) 50/60Hz 289/500V (80A)	[kA]	8	8	8	-
(AC) 50/60Hz 289/500V (100...125A)	[kA]	5	5	5	-
(AC) 50/60Hz 400/690V (up to 80A)	[kA]	4	4	4	-
(AC) 50/60Hz 400/690V (100...125A)	[kA]	3	3	3	-
(DC) 125V (1-pole)	[kA]	30	30	-	-
(DC) 250V (1-pole)	[kA]	-	-	-	50
(DC) 250V (2-pole)	[kA]	30	30	-	-
(DC) 375V (3-pole)	[kA]	30	30	30	-
(DC) 500V (2-pole)	[kA]	-	-	-	50
(DC) 500V (4-pole)	[kA]	30	30	-	-
(DC) 750V (3-pole)	[kA]	-	-	-	50
(DC) 750V (4-pole)	[kA]	-	-	-	50
Service short-circuit breaking capacity I_{cs} in accordance with EN 60898-1					
(AC) 50/60Hz 240/415V (up to 80A)	[kA]	12.5	-	-	-
Rated frequency	[Hz]	50/60, (16 2/3)	50/60, (16 2/3)	50/60	-
Mounting position			any		
Disconnecter properties according to IEC 60947-2			yes		
Standards			IEC 60947-2		
Connections CU (6...125A)		EN 60898-1	-	-	-
	[mm²]	1...50 strand	1...50 strand	1...50 strand	1...50 strand
		1...70 cable	1...70 cable	1...70 cable	1...70 cable
Tightening torque	[Nm]		min. 3 / max. 4		
AC/DC supply			any		
Mounting on DIN top hat rail			EN 60715		
Permissible ambient temperature for operations	[°C]		-25...+60		
Storage temperature	[°C]		-40...+70		
Type of protection			IP20, IP40 (only actuation side)		
Classification in accordance with NF-16-101, NF16-102			I3F2		
Resistance to vibration			IEC 60068-2-27; IEC 60068-2; EN 61373 Cat. 1/class B		

① DC/pole



TECHNICAL FEATURES		S800N
Characteristics available		B, C, D
Max. rated continuous current I_n	[A]	10...125
Poles		1...4
Rated operating voltage U_e		
(AC) 50/60Hz	[V]	400/690
(DC)/pole	[V]	max. 125
Rated insulation voltage U_i	[V]	690
Rated impulse withstand voltage U_{imp}	[kV]	8
Ultimate short-circuit breaking capacity I_{cu} in accordance with IEC 60947-2		
(AC) 50/60Hz 240/415V	[kA]	36
(AC) 50/60Hz 254/440V	[kA]	20
(AC) 50/60Hz 289/500V	[kA]	10
(AC) 50/60Hz 400/690V	[kA]	4.5
(DC) 125V (1-pole)	[kA]	20
(DC) 250V (2-poles)	[kA]	20
(DC) 375V (3-poles)	[kA]	20
(DC) 500V (4-poles)	[kA]	20
Rated short-circuit breaking capacity I_{cn} EN 60898-1		
(AC) 50/60Hz 240/415V (up to 80A)	[kA]	20
Service short-circuit breaking capacity I_{cs} in accordance with IEC 60947-2		
(AC) 50/60Hz 240/415V	[kA]	30
(AC) 50/60Hz 254/440V (10...80A)	[kA]	15
(AC) 50/60Hz 254/440V (100...125A)	[kA]	10
(AC) 50/60Hz 289/500V (10...63A)	[kA]	8
(AC) 50/60Hz 289/500V (80...125A)	[kA]	5
(AC) 50/60Hz 400/690V	[kA]	3
(DC) 125V (1-pole)	[kA]	20
(DC) 250V (2-pole)	[kA]	20
(DC) 375V (3-pole)	[kA]	20
(DC) 500V (4-pole)	[kA]	20
Service short-circuit breaking capacity I_{cs} in accordance with EN 60898-1		
(AC) 50/60Hz 240/415V (up to 80A)	[kA]	10
Rated frequency	[Hz]	50/60
Mounting position		any
Disconnecter properties according to IEC 60947-2		yes
Standards		IEC 60947-2, EN 60898-1
Connections CU (10...125A)	[mm ²]	1...50 strand 1...70 cable
Tightening torque	[Nm]	min. 3 / max. 4
Supply AC		any
Mounting on DIN top hat rail		EN 60715
Permissible ambient temperature for operations	[°C]	-25...+60
Storage temperature	[°C]	-40...+70
Type of protection		IP20, IP40 (only actuation side)
Classification in accordance with NF-16-101, NF16-102		I3F2



TECHNICAL FEATURES		S800C
Characteristics available		B, C, D, K
Max. rated continuous current I_n	[A]	10...125
Poles		1...4
Rated operating voltage U_e		
(AC) 50/60Hz	[V]	254/440
(DC)/pole	[V]	max. 125
Rated insulation voltage U_i	[V]	500
Rated impulse withstand voltage U_{imp}	[kV]	8
Ultimate short-circuit breaking capacity I_{cu} in accordance with IEC 60947-2		
(AC) 50/60Hz 240/415V	[kA]	25
(AC) 50/60Hz 254/440V	[kA]	15
(DC) 125V (1-pole)	[kA]	10
(DC) 250V (2-pole)	[kA]	10
(DC) 375V (3-pole)	[kA]	10
(DC) 500V (4-pole)	[kA]	10
Rated short-circuit breaking capacity I_{cn} EN 60898-1		
(AC) 50/60Hz 230/400V (characteristic: B, C, D ①)	[kA]	15
Service short-circuit breaking capacity I_{cs} in accordance with IEC 60947-2		
(AC) 50/60Hz 240/415V	[kA]	18
(AC) 50/60Hz 254/440V	[kA]	10
(DC) 125V (1-pole)	[kA]	10
(DC) 250V (2-pole)	[kA]	10
(DC) 375V (3-pole)	[kA]	10
(DC) 500V (4-pole)	[kA]	10
Service short-circuit breaking capacity I_{cs} in accordance with EN 60898-1		
(AC) 50/60Hz 230/400V (characteristic: B, C, D ①)	[kA]	7.5
Rated frequency	[Hz]	50/60
Mounting position		any
Disconnecter properties according to IEC 60947-2		yes
Standards		IEC 60947-2 EN 60898 (B, C, D)
Connections CU (10...125A)	[mm ²]	1...50 strand 1...70 cable
Tightening torque	[Nm]	min. 3 / max. 4
Supply AC		any
Mounting on DIN top hat rail		EN 60715
Permissible ambient temperature for operations	[°C]	-25...+60
Storage temperature	[°C]	-40...+70
Type of protection		IP20
Classification in accordance with NF-16-101, NF16-102		IP40 (only actuation side) I3F2

① (DC) ≤ 100A; S800C-D125 only IEC 60947-2

2



TECHNICAL FEATURES		S800U-Z	S800U-K
Standards		UL489, CSA 22.2 No. 5-02, IEC 60947-2	
Characteristics available		Z①	K②
Rated current I _n	[A]	10...100	
Poles		1...4	
Rated operating voltage U _e (AC) 50/60Hz	[V]	240	
Rated interrupting in accordance with UL489			
1-pole	[kA]	30	
2...4-pole	[kA]	50	
Ultimate short-circuit breaking capacity I _{cu} in accordance with IEC 60947-2			
(AC) 50/60 Hz 240/415V 1-pole	[kA]	30	
(AC) 50/60 Hz 240/415V 2 ...4-pole	[kA]	50	
Service short-circuit capacity I _{cs} in accordance with IEC 60947-2			
(AC) 50/60 Hz 240/415V 1-pole	[kA]	25	
(AC) 50/60 Hz 240/415V 2 ...4-pole	[kA]	40	
Conductor type		Single conductor copper only	
Wire range 10...100A		8-1AWG	
Tightening torque		31 in.lbs. (3.5Nm)	
Mounting position		any	
Permissible ambient temperature for operations		-25...+60	
Type of protection		IP20	
		IP40 (only actuation side)	
Contacts		cadmium free	
Certifications		UL listed circuit breaker (File 312425)	
Standards		CSA 22.2 No. 5-02	

① Magnetic release 4xI_n
② Magnetic release 8xI_n



TECHNICAL FEATURES		S800PV-S		S800PV-M
Characteristics available		PV-S		-
Max. rated continuous current I_n	[A]	10...125		32, 63, 125
Poles		2...4		2...4
Rated operating voltage U_e				-
(AC) 50/60Hz	[V]			-
(DC)/pole	[V]	400 ①		-
(DC)/2 pole	[V]	10...80 A	100, 125 A	32, 63, 125 A
(DC)/3 pole	[V]	800	600	800
(DC)/4 pole	[V]	1200	1000	1200
	[V]	1200	1200	1200
Rated insulation voltage U_i	[V]	1500		-
Rated impulse withstand voltage U_{imp}	[kV]	8		-
Ultimate short-circuit breaking capacity I_{cu} in accordance with IEC 60947-2				-
(DC) 800V (2-pole)	[kA]	5		-
(DC) 1200V (3-pole)	[kA]	5		-
(DC) 1200V (4-pole)	[kA]	5		-
Service short-circuit breaking capacity I_{cs} in accordance with IEC 60947-2				-
(DC) 800V (2-pole)	[kA]	5		-
(DC) 1200V (3-pole)	[kA]	5		-
(DC) 1200V (4-pole)	[kA]	5		-
Rated short-time withstand current I_{cw} in accordance with IEC 60947-3				-
(DC) 800V (2-pole)	[kA]	-		1.5
(DC) 1200V (3-pole)	[kA]	-		1.5
(DC) 1200V (4-pole)	[kA]	-		1.5
Rated short-circuit making capacity I_{cm} in accordance with IEC 60947-3				-
(DC) 800V (2-pole)	[kA]	-		0.5
(DC) 1200V (3-pole)	[kA]	-		0.5
(DC) 1200V (4-pole)	[kA]	-		0.5
Mounting position		any		-
Disconnecter properties according to IEC 60947-2		yes		-
Standards		IEC 60947-2		IEC 60947-3
Connections CU (10...125A)	[mm ²]	1...50 strand 1...70 cable		-
Tightening torque	[Nm]	min. 3 / max. 4		-
DC supply		any		-
Mounting on DIN top hat rail		EN 60715		-
Permissible ambient temperature for operations	[°C]	-25...+60		-
Storage temperature	[°C]	-40...+70		-
Type of protection		IP20		-
		IP40 (only actuation side)		-
Resistance to vibration		IEC 60068-2-6;		EN 61373 Cat. 1/Class B
Utilisation category		A		DC-21A
Pollution degree		2		-
Overvoltage category		III		-

① 4-pole 1200VDC

B



S800S-B characteristic

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; protection for people and big length cables in TN and IT systems; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.

Applications: commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=25 kA

Icu=50 kA

Number of poles	Rated current	Order details		Bbn 7612271	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN			kg	pc.
1	6	S801S-B6*	2CCS861001R0065	408107			0.245	1
	8	S801S-B8*	2CCS861001R0085	411329			0.245	1
	10	S801S-B10	2CCS861001R0105	200008			0.245	1
	13	S801S-B13	2CCS861001R0135	200015			0.245	1
	16	S801S-B16	2CCS861001R0165	200022			0.245	1
	20	S801S-B20	2CCS861001R0205	200039			0.245	1
	25	S801S-B25	2CCS861001R0255	200046			0.245	1
	32	S801S-B32	2CCS861001R0325	200053			0.245	1
	40	S801S-B40	2CCS861001R0405	200060			0.245	1
	50	S801S-B50	2CCS861001R0505	200077			0.245	1
	63	S801S-B63	2CCS861001R0635	200084			0.245	1
	80	S801S-B80	2CCS861001R0805	200091			0.245	1
	100	S801S-B100	2CCS861001R0825	200107			0.245	1
	125	S801S-B125	2CCS861001R0845	200114			0.245	1
2	6	S802S-B6*	2CCS862001R0065	408114			0.49	1
	8	S802S-B8*	2CCS862001R0085	411336			0.49	1
	10	S802S-B10	2CCS862001R0105	200121			0.49	1
	13	S802S-B13	2CCS862001R0135	200138			0.49	1
	16	S802S-B16	2CCS862001R0165	200145			0.49	1
	20	S802S-B20	2CCS862001R0205	200152			0.49	1
	25	S802S-B25	2CCS862001R0255	200169			0.49	1
	32	S802S-B32	2CCS862001R0325	200176			0.49	1
	40	S802S-B40	2CCS862001R0405	200183			0.49	1
	50	S802S-B50	2CCS862001R0505	200190			0.49	1
	63	S802S-B63	2CCS862001R0635	200206			0.49	1
	80	S802S-B80	2CCS862001R0805	200213			0.49	1
	100	S802S-B100	2CCS862001R0825	200220			0.49	1
	125	S802S-B125	2CCS862001R0845	200237			0.49	1

* Standard: EN/IEC 60947-2

B



3	6	S803S-B6*	2CCS863001R0065	408121	0.735	1
	8	S803S-B8*	2CCS863001R0085	411343	0.735	1
	10	S803S-B10	2CCS863001R0105	200244	0.735	1
	13	S803S-B13	2CCS863001R0135	200251	0.735	1
	16	S803S-B16	2CCS863001R0165	200268	0.735	1
	20	S803S-B20	2CCS863001R0205	200275	0.735	1
	25	S803S-B25	2CCS863001R0255	200282	0.735	1
	32	S803S-B32	2CCS863001R0325	200299	0.735	1
	40	S803S-B40	2CCS863001R0405	200305	0.735	1
	50	S803S-B50	2CCS863001R0505	200312	0.735	1
	63	S803S-B63	2CCS863001R0635	200329	0.735	1
	80	S803S-B80	2CCS863001R0805	200336	0.735	1
	100	S803S-B100	2CCS863001R0825	200343	0.735	1
	125	S803S-B125	2CCS863001R0845	200350	0.735	1

4	6	S804S-B6*	2CCS864001R0065	408138	0.98	1
	8	S804S-B8*	2CCS864001R0085	411350	0.98	1
	10	S804S-B10	2CCS864001R0105	200367	0.98	1
	13	S804S-B13	2CCS864001R0135	200374	0.98	1
	16	S804S-B16	2CCS864001R0165	200381	0.98	1
	20	S804S-B20	2CCS864001R0205	200398	0.98	1
	25	S804S-B25	2CCS864001R0255	200404	0.98	1
	32	S804S-B32	2CCS864001R0325	200411	0.98	1
	40	S804S-B40	2CCS864001R0405	200428	0.98	1
	50	S804S-B50	2CCS864001R0505	200435	0.98	1
	63	S804S-B63	2CCS864001R0635	200442	0.98	1
	80	S804S-B80	2CCS864001R0805	200459	0.98	1
	100	S804S-B100	2CCS864001R0825	200466	0.98	1
	125	S804S-B125	2CCS864001R0845	200473	0.98	1

* Standard: EN/IEC 60947-2

2

B



2CCS413001F0002



2CCS413001F0002



S800S-B characteristic

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; protection for people and big length cables in TN and IT systems; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.

Applications: commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=25 kA

Icu=50 kA

Number of poles	Rated current	Order details	Bbn	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	6	S801S-B6-R*	2CCS861002R0065	408268		0,245	1
	8	S801S-B8-R*	2CCS861002R0085	411480		0,245	1
	10	S801S-B10-R	2CCS861002R0105	209636		0,245	1
	13	S801S-B13-R	2CCS861002R0135	209643		0,245	1
	16	S801S-B16-R	2CCS861002R0165	209650		0,245	1
	20	S801S-B20-R	2CCS861002R0205	209667		0,245	1
	25	S801S-B25-R	2CCS861002R0255	209674		0,245	1
	32	S801S-B32-R	2CCS861002R0325	209681		0,245	1
	40	S801S-B40-R	2CCS861002R0405	206826		0,245	1
	50	S801S-B50-R	2CCS861002R0505	206833		0,245	1
	63	S801S-B63-R	2CCS861002R0635	206840		0,245	1
	80	S801S-B80-R	2CCS861002R0805	206857		0,245	1
	100	S801S-B100-R	2CCS861002R0825	206864		0,245	1
	125	S801S-B125-R	2CCS861002R0845	206871		0,245	1
2	6	S802S-B6-R*	2CCS862002R0065	408275		0,49	1
	8	S802S-B8-R*	2CCS862002R0085	411497		0,49	1
	10	S802S-B10-R	2CCS862002R0105	209698		0,49	1
	13	S802S-B13-R	2CCS862002R0135	209704		0,49	1
	16	S802S-B16-R	2CCS862002R0165	209711		0,49	1
	20	S802S-B20-R	2CCS862002R0205	209728		0,49	1
	25	S802S-B25-R	2CCS862002R0255	209735		0,49	1
	32	S802S-B32-R	2CCS862002R0325	209742		0,49	1
	40	S802S-B40-R	2CCS862002R0405	206888		0,49	1
	50	S802S-B50-R	2CCS862002R0505	206895		0,49	1
	63	S802S-B63-R	2CCS862002R0635	206901		0,49	1
	80	S802S-B80-R	2CCS862002R0805	206918		0,49	1
	100	S802S-B100-R	2CCS862002R0825	206925		0,49	1
	125	S802S-B125-R	2CCS862002R0845	206932		0,49	1

* Standard: EN/IEC 60947-2

B



2CCS413001F0002



2CCS413001F0002



3	6	S803S-B6-R*	2CCS863002R0065	408282	0,735	1
	8	S803S-B8-R*	2CCS863002R0085	411503	0,735	1
	10	S803S-B10-R	2CCS863002R0105	209759	0,735	1
	13	S803S-B13-R	2CCS863002R0135	209766	0,735	1
	16	S803S-B16-R	2CCS863002R0165	209773	0,735	1
	20	S803S-B20-R	2CCS863002R0205	209780	0,735	1
	25	S803S-B25-R	2CCS863002R0255	209797	0,735	1
	32	S803S-B32-R	2CCS863002R0325	209803	0,735	1
	40	S803S-B40-R	2CCS863002R0405	206949	0,735	1
	50	S803S-B50-R	2CCS863002R0505	206956	0,735	1
	63	S803S-B63-R	2CCS863002R0635	206963	0,735	1
	80	S803S-B80-R	2CCS863002R0805	206970	0,735	1
	100	S803S-B100-R	2CCS863002R0825	206987	0,735	1
	125	S803S-B125-R	2CCS863002R0845	206994	0,735	1
4	6	S804S-B6-R*	2CCS864002R0065	408299	0,98	1
	8	S804S-B8-R*	2CCS864002R0085	411510	0,98	1
	10	S804S-B10-R	2CCS864002R0105	209810	0,98	1
	13	S804S-B13-R	2CCS864002R0135	209827	0,98	1
	16	S804S-B16-R	2CCS864002R0165	209834	0,98	1
	20	S804S-B20-R	2CCS864002R0205	209841	0,98	1
	25	S804S-B25-R	2CCS864002R0255	209858	0,98	1
	32	S804S-B32-R	2CCS864002R0325	209865	0,98	1
	40	S804S-B40-R	2CCS864002R0405	207007	0,98	1
	50	S804S-B50-R	2CCS864002R0505	207014	0,98	1
	63	S804S-B63-R	2CCS864002R0635	207021	0,98	1
	80	S804S-B80-R	2CCS864002R0805	207038	0,98	1
	100	S804S-B100-R	2CCS864002R0825	207045	0,98	1
	125	S804S-B125-R	2CCS864002R0845	207052	0,98	1

* Standard: EN/IEC 60947-2

C



S800S-C characteristic

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; protection for resistive and inductive loads with low inrush current; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.

Applications: commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=25 kA

Icu=50 kA

Number of poles	Rated current	Order details	Bbn 7612271	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S801S-C6*	2CCS861001R0064	408145		0.245	1
	8	S801S-C8*	2CCS861001R0084	411367		0.245	1
	10	S801S-C10	2CCS861001R0104	200480		0.245	1
	13	S801S-C13	2CCS861001R0134	200497		0.245	1
	16	S801S-C16	2CCS861001R0164	200503		0.245	1
	20	S801S-C20	2CCS861001R0204	200510		0.245	1
	25	S801S-C25	2CCS861001R0254	200527		0.245	1
	32	S801S-C32	2CCS861001R0324	200534		0.245	1
	40	S801S-C40	2CCS861001R0404	200541		0.245	1
	50	S801S-C50	2CCS861001R0504	200558		0.245	1
	63	S801S-C63	2CCS861001R0634	200565		0.245	1
	80	S801S-C80	2CCS861001R0804	200572		0.245	1
	100	S801S-C100	2CCS861001R0824	200589		0.245	1
	125	S801S-C125	2CCS861001R0844	200596		0.245	1
2	6	S802S-C6*	2CCS862001R0064	408152		0.49	1
	8	S802S-C8*	2CCS862001R0084	411374		0.49	1
	10	S802S-C10	2CCS862001R0104	200602		0.49	1
	13	S802S-C13	2CCS862001R0134	200619		0.49	1
	16	S802S-C16	2CCS862001R0164	200626		0.49	1
	20	S802S-C20	2CCS862001R0204	200633		0.49	1
	25	S802S-C25	2CCS862001R0254	200640		0.49	1
	32	S802S-C32	2CCS862001R0324	200657		0.49	1
	40	S802S-C40	2CCS862001R0404	200664		0.49	1
	50	S802S-C50	2CCS862001R0504	200671		0.49	1
	63	S802S-C63	2CCS862001R0634	200688		0.49	1
	80	S802S-C80	2CCS862001R0804	200695		0.49	1
	100	S802S-C100	2CCS862001R0824	200701		0.49	1
	125	S802S-C125	2CCS862001R0844	200718		0.49	1

* Standard: EN/IEC 60947-2

C



3	6	S803S-C6*	2CCS863001R0064	408169	0.735	1
	8	S803S-C8*	2CCS863001R0084	411381	0.735	1
	10	S803S-C10	2CCS863001R0104	200725	0.735	1
	13	S803S-C13	2CCS863001R0134	200732	0.735	1
	16	S803S-C16	2CCS863001R0164	200749	0.735	1
	20	S803S-C20	2CCS863001R0204	200756	0.735	1
	25	S803S-C25	2CCS863001R0254	200763	0.735	1
	32	S803S-C32	2CCS863001R0324	200770	0.735	1
	40	S803S-C40	2CCS863001R0404	200787	0.735	1
	50	S803S-C50	2CCS863001R0504	200794	0.735	1
	63	S803S-C63	2CCS863001R0634	200800	0.735	1
	80	S803S-C80	2CCS863001R0804	200817	0.735	1
	100	S803S-C100	2CCS863001R0824	200824	0.735	1
	125	S803S-C125	2CCS863001R0844	200831	0.735	1
4	6	S804S-C6*	2CCS864001R0064	408176	0.98	1
	8	S804S-C8*	2CCS864001R0084	411398	0.98	1
	10	S804S-C10	2CCS864001R0104	200848	0.98	1
	13	S804S-C13	2CCS864001R0134	200855	0.98	1
	16	S804S-C16	2CCS864001R0164	200862	0.98	1
	20	S804S-C20	2CCS864001R0204	200879	0.98	1
	25	S804S-C25	2CCS864001R0254	200886	0.98	1
	32	S804S-C32	2CCS864001R0324	200893	0.98	1
	40	S804S-C40	2CCS864001R0404	200909	0.98	1
	50	S804S-C50	2CCS864001R0504	200916	0.98	1
	63	S804S-C63	2CCS864001R0634	200923	0.98	1
	80	S804S-C80	2CCS864001R0804	200930	0.98	1
	100	S804S-C100	2CCS864001R0824	200947	0.98	1
	125	S804S-C125	2CCS864001R0844	200954	0.98	1

* Standard: EN/IEC 60947-2

C

2



S800S-C characteristic

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; protection for resistive and inductive loads with low inrush current; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.

Applications: commercial and industrial.

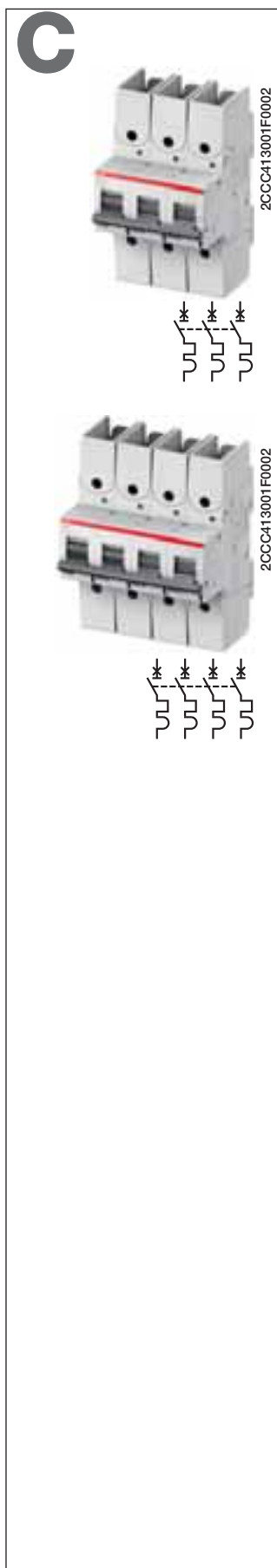
Standard: IEC/EN 60947-2, IEC/EN 60898

Icn=25 kA

Icu=50 kA

Number of poles	Rated current	Order details	Bbn 7612271	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S801S-C6-R*	2CCS861002R0064	408305		0,245	1
	8	S801S-C8-R*	2CCS861002R0084	411527		0,245	1
	10	S801S-C10-R	2CCS861002R0104	209872		0,245	1
	13	S801S-C13-R	2CCS861002R0134	209889		0,245	1
	16	S801S-C16-R	2CCS861002R0164	209896		0,245	1
	20	S801S-C20-R	2CCS861002R0204	209902		0,245	1
	25	S801S-C25-R	2CCS861002R0254	209919		0,245	1
	32	S801S-C32-R	2CCS861002R0324	209926		0,245	1
	40	S801S-C40-R	2CCS861002R0404	207069		0,245	1
	50	S801S-C50-R	2CCS861002R0504	207076		0,245	1
	63	S801S-C63-R	2CCS861002R0634	207083		0,245	1
	80	S801S-C80-R	2CCS861002R0804	207090		0,245	1
	100	S801S-C100-R	2CCS861002R0824	207106		0,245	1
	125	S801S-C125-R	2CCS861002R0844	207113		0,245	1
2	6	S802S-C6-R*	2CCS862002R0064	408312		0,49	1
	8	S802S-C8-R*	2CCS862001R0084	411534		0,49	1
	10	S802S-C10-R	2CCS862002R0104	209933		0,49	1
	13	S802S-C13-R	2CCS862002R0134	209940		0,49	1
	16	S802S-C16-R	2CCS862002R0164	209957		0,49	1
	20	S802S-C20-R	2CCS862002R0204	209964		0,49	1
	25	S802S-C25-R	2CCS862002R0254	209971		0,49	1
	32	S802S-C32-R	2CCS862002R0324	209988		0,49	1
	40	S802S-C40-R	2CCS862002R0404	207120		0,49	1
	50	S802S-C50-R	2CCS862002R0504	207137		0,49	1
	63	S802S-C63-R	2CCS862002R0634	207144		0,49	1
	80	S802S-C80-R	2CCS862002R0804	207151		0,49	1
	100	S802S-C100-R	2CCS862002R0824	207168		0,49	1
	125	S802S-C125-R	2CCS862002R0844	207175		0,49	1

* Standard: EN/IEC 60947-2



3	6	S803S-C6-R*	2CCS863002R0064	408329	0,735	1
	8	S803S-C8-R*	2CCS863002R0084	411541	0,735	1
	10	S803S-C10-R	2CCS863002R0104	209995	0,735	1
	13	S803S-C13-R	2CCS863002R0134	210007	0,735	1
	16	S803S-C16-R	2CCS863002R0164	210014	0,735	1
	20	S803S-C20-R	2CCS863002R0204	210021	0,735	1
	25	S803S-C25-R	2CCS863002R0254	210038	0,735	1
	32	S803S-C32-R	2CCS863002R0324	210045	0,735	1
	40	S803S-C40-R	2CCS863002R0404	207182	0,735	1
	50	S803S-C50-R	2CCS863002R0504	207199	0,735	1
	63	S803S-C63-R	2CCS863002R0634	207205	0,735	1
	80	S803S-C80-R	2CCS863002R0804	207212	0,735	1
	100	S803S-C100-R	2CCS863002R0824	207229	0,735	1
	125	S803S-C125-R	2CCS863002R0844	207236	0,735	1
4	6	S804S-C6-R*	2CCS864002R0064	408336	0,98	1
	8	S804S-C8-R*	2CCS864002R0084	411558	0,98	1
	10	S804S-C10-R	2CCS864002R0104	210052	0,98	1
	13	S804S-C13-R	2CCS864002R0134	210069	0,98	1
	16	S804S-C16-R	2CCS864002R0164	210076	0,98	1
	20	S804S-C20-R	2CCS864002R0204	210083	0,98	1
	25	S804S-C25-R	2CCS864002R0254	210090	0,98	1
	32	S804S-C32-R	2CCS864002R0324	210106	0,98	1
	40	S804S-C40-R	2CCS864002R0404	207243	0,98	1
	50	S804S-C50-R	2CCS864002R0504	207250	0,98	1
	63	S804S-C63-R	2CCS864002R0634	207267	0,98	1
	80	S804S-C80-R	2CCS864002R0804	207274	0,98	1
	100	S804S-C100-R	2CCS864002R0824	207281	0,98	1
	125	S804S-C125-R	2CCS864002R0844	207298	0,98	1

* Standard: EN/IEC 60947-2

D

2



S800S-D characteristic

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; protection for circuits which supply loads with high inrush current at the circuit closing (motors, LV / LV transformers, breakdown lamps); very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.

Applications: commercial and industrial.

Standard: IEC/EN 60898, IEC/EN 60947-2

Icn=25 kA

Icu=50 kA

Number of poles	Rated current	Order details	Bbn 7612271	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S801S-D6*	2CCS861001R0061	408183		0.245	1
	8	S801S-D8*	2CCS861001R0081	411404		0.245	1
	10	S801S-D10	2CCS861001R0101	200961		0.245	1
	13	S801S-D13	2CCS861001R0131	200978		0.245	1
	16	S801S-D16	2CCS861001R0161	200985		0.245	1
	20	S801S-D20	2CCS861001R0201	200992		0.245	1
	25	S801S-D25	2CCS861001R0251	201005		0.245	1
	32	S801S-D32	2CCS861001R0321	201012		0.245	1
	40	S801S-D40	2CCS861001R0401	201029		0.245	1
	50	S801S-D50	2CCS861001R0501	201036		0.245	1
	63	S801S-D63	2CCS861001R0631	201043		0.245	1
	80	S801S-D80	2CCS861001R0801	201050		0.245	1
	100	S801S-D100	2CCS861001R0821	201067		0.245	1
	125	S801S-D125	2CCS861001R0841	201074		0.245	1
2	6	S802S-D6*	2CCS862001R0061	408190		0.49	1
	8	S802S-D8*	2CCS862001R0081	411411		0.49	1
	10	S802S-D10	2CCS862001R0101	201081		0.49	1
	13	S802S-D13	2CCS862001R0131	201098		0.49	1
	16	S802S-D16	2CCS862001R0161	201104		0.49	1
	20	S802S-D20	2CCS862001R0201	201111		0.49	1
	25	S802S-D25	2CCS862001R0251	201128		0.49	1
	32	S802S-D32	2CCS862001R0321	201135		0.49	1
	40	S802S-D40	2CCS862001R0401	201142		0.49	1
	50	S802S-D50	2CCS862001R0501	201159		0.49	1
	63	S802S-D63	2CCS862001R0631	201166		0.49	1
	80	S802S-D80	2CCS862001R0801	201173		0.49	1
	100	S802S-D100	2CCS862001R0821	201180		0.49	1
	125	S802S-D125	2CCS862001R0841	201197		0.49	1

* Standard: EN/IEC 60947-2

D



3	6	S803S-D6*	2CCS863001R0061	408206	0.735	1
	8	S803S-D8*	2CCS863001R0081	411428	0.735	1
	10	S803S-D10	2CCS863001R0101	201203	0.735	1
	13	S803S-D13	2CCS863001R0131	201210	0.735	1
	16	S803S-D16	2CCS863001R0161	201227	0.735	1
	20	S803S-D20	2CCS863001R0201	201234	0.735	1
	25	S803S-D25	2CCS863001R0251	201241	0.735	1
	32	S803S-D32	2CCS863001R0321	201258	0.735	1
	40	S803S-D40	2CCS863001R0401	201265	0.735	1
	50	S803S-D50	2CCS863001R0501	201272	0.735	1
	63	S803S-D63	2CCS863001R0631	201289	0.735	1
	80	S803S-D80	2CCS863001R0801	201296	0.735	1
	100	S803S-D100	2CCS863001R0821	201302	0.735	1
	125	S803S-D125	2CCS863001R0841	201319	0.735	1
4	6	S804S-D6*	2CCS864001R0061	408213	0.98	1
	8	S804S-D8*	2CCS864001R0081	411435	0.98	1
	10	S804S-D10	2CCS864001R0101	201326	0.98	1
	13	S804S-D13	2CCS864001R0131	201333	0.98	1
	16	S804S-D16	2CCS864001R0161	201340	0.98	1
	20	S804S-D20	2CCS864001R0201	201357	0.98	1
	25	S804S-D25	2CCS864001R0251	201364	0.98	1
	32	S804S-D32	2CCS864001R0321	201371	0.98	1
	40	S804S-D40	2CCS864001R0401	201388	0.98	1
	50	S804S-D50	2CCS864001R0501	201395	0.98	1
	63	S804S-D63	2CCS864001R0631	201401	0.98	1
	80	S804S-D80	2CCS864001R0801	201418	0.98	1
	100	S804S-D100	2CCS864001R0821	201425	0.98	1
	125	S804S-D125	2CCS864001R0841	201432	0.98	1

* Standard: EN/IEC 60947-2

2

D



S800S-D characteristic

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; protection for circuits which supply loads with high inrush current at the circuit closing (motors, LV / LV transformers, breakdown lamps); very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2, IEC/EN 60898

Icn=25 kA

Icu=50 kA

Number of poles	Rated current	Order details	Bbn 7612271	Price 1 piece	Price group	Weight 1 piece	Pack unit
	In A	Type code	Order code	EAN		kg	pc.
1	6	S801S-D6-R*	2CCS861002R0061	408343		0,245	1
	8	S801S-D8-R*	2CCS861002R0081	411565		0,245	1
	10	S801S-D10-R	2CCS861002R0101	210113		0,245	1
	13	S801S-D13-R	2CCS861002R0131	210120		0,245	1
	16	S801S-D16-R	2CCS861002R0161	210137		0,245	1
	20	S801S-D20-R	2CCS861002R0201	210144		0,245	1
	25	S801S-D25-R	2CCS861002R0251	210151		0,245	1
	32	S801S-D32-R	2CCS861002R0321	210168		0,245	1
	40	S801S-D40-R	2CCS861002R0401	207304		0,245	1
	50	S801S-D50-R	2CCS861002R0501	207311		0,245	1
	63	S801S-D63-R	2CCS861002R0631	207328		0,245	1
	80	S801S-D80-R	2CCS861002R0801	207335		0,245	1
	100	S801S-D100-R	2CCS861002R0821	207342		0,245	1
	125	S801S-D125-R	2CCS861002R0841	207359		0,245	1
2	6	S802S-D6-R*	2CCS862002R0061	408350		0,49	1
	8	S802S-D8-R*	2CCS862002R0081	411572		0,49	1
	10	S802S-D10-R	2CCS862002R0101	210175		0,49	1
	13	S802S-D13-R	2CCS862002R0131	210182		0,49	1
	16	S802S-D16-R	2CCS862002R0161	210199		0,49	1
	20	S802S-D20-R	2CCS862002R0201	210205		0,49	1
	25	S802S-D25-R	2CCS862002R0251	210212		0,49	1
	32	S802S-D32-R	2CCS862002R0321	210229		0,49	1
	40	S802S-D40-R	2CCS862002R0401	207366		0,49	1
	50	S802S-D50-R	2CCS862002R0501	207373		0,49	1
	63	S802S-D63-R	2CCS862002R0631	207380		0,49	1
	80	S802S-D80-R	2CCS862002R0801	207397		0,49	1
	100	S802S-D100-R	2CCS862002R0821	207403		0,49	1
	125	S802S-D125-R	2CCS862002R0841	207410		0,49	1

* Standard: EN/IEC 60947-2

D



3	6	S803S-D6-R*	2CCS863002R0061	408367	0,735	1
	8	S803S-D8-R*	2CCS863002R0081	411589	0,735	1
	10	S803S-D10-R	2CCS863002R0101	210236	0,735	1
	13	S803S-D13-R	2CCS863002R0131	210243	0,735	1
	16	S803S-D16-R	2CCS863002R0161	210250	0,735	1
	20	S803S-D20-R	2CCS863002R0201	210267	0,735	1
	25	S803S-D25-R	2CCS863002R0251	210274	0,735	1
	32	S803S-D32-R	2CCS863002R0321	210281	0,735	1
	40	S803S-D40-R	2CCS863002R0401	207427	0,735	1
	50	S803S-D50-R	2CCS863002R0501	207434	0,735	1
	63	S803S-D63-R	2CCS863002R0631	207441	0,735	1
	80	S803S-D80-R	2CCS863002R0801	207458	0,735	1
	100	S803S-D100-R	2CCS863002R0821	207465	0,735	1
	125	S803S-D125-R	2CCS863002R0841	207472	0,735	1
4	6	S804S-D6-R*	2CCS864002R0061	408374	0,98	1
	8	S804S-D8-R*	2CCS864002R0081	411596	0,98	1
	10	S804S-D10-R	2CCS864002R0101	210298	0,98	1
	13	S804S-D13-R	2CCS864002R0131	210304	0,98	1
	16	S804S-D16-R	2CCS864002R0161	210311	0,98	1
	20	S804S-D20-R	2CCS864002R0201	210328	0,98	1
	25	S804S-D25-R	2CCS864002R0251	210335	0,98	1
	32	S804S-D32-R	2CCS864002R0321	210342	0,98	1
	40	S804S-D40-R	2CCS864002R0401	207489	0,98	1
	50	S804S-D50-R	2CCS864002R0501	207496	0,98	1
	63	S804S-D63-R	2CCS864002R0631	207502	0,98	1
	80	S804S-D80-R	2CCS864002R0801	207519	0,98	1
	100	S804S-D100-R	2CCS864002R0821	207526	0,98	1
	125	S804S-D125-R	2CCS864002R0841	207533	0,98	1

* Standard: EN/IEC 60947-2

K

2



S800S-K characteristic

Function: protection and control of the circuits like motors, transformer and auxiliary circuits, against overloads and short-circuits when a high breaking capacity is required; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.

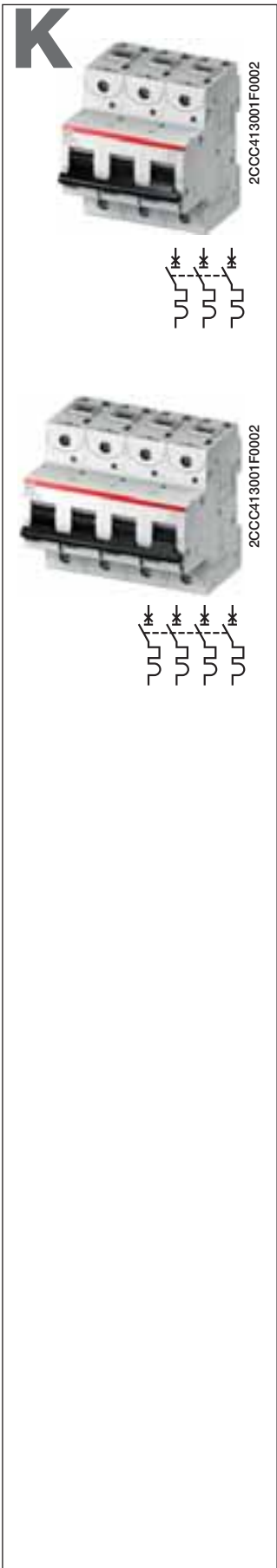
Advantages: no nuisance tripping in the case of functional peak currents up to 10xIn, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2

Icu=50 kA

Number of poles	Rated current	Order details	Bbn 7612271	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S801S-K6	2CCS861001R0067	408220		0.245	1
	8	S801S-K8	2CCS861001R0407	411442		0.245	1
	10	S801S-K10	2CCS861001R0427	201449		0.245	1
	13	S801S-K13	2CCS861001R0447	201456		0.245	1
	16	S801S-K16	2CCS861001R0467	201463		0.245	1
	20	S801S-K20	2CCS861001R0487	201470		0.245	1
	25	S801S-K25	2CCS861001R0517	201487		0.245	1
	32	S801S-K32	2CCS861001R0537	201494		0.245	1
	40	S801S-K40	2CCS861001R0557	201500		0.245	1
	50	S801S-K50	2CCS861001R0577	201517		0.245	1
	63	S801S-K63	2CCS861001R0597	201524		0.245	1
	80	S801S-K80	2CCS861001R0627	201531		0.245	1
	100	S801S-K100	2CCS861001R0637	201548		0.245	1
	125	S801S-K125	2CCS861001R0647	201555		0.245	1
2	6	S802S-K6	2CCS862001R0067	408237		0.49	1
	8	S802S-K8	2CCS862001R0407	411459		0.49	1
	10	S802S-K10	2CCS862001R0427	201562		0.49	1
	13	S802S-K13	2CCS862001R0447	201579		0.49	1
	16	S802S-K16	2CCS862001R0467	201586		0.49	1
	20	S802S-K20	2CCS862001R0487	201593		0.49	1
	25	S802S-K25	2CCS862001R0517	201609		0.49	1
	32	S802S-K32	2CCS862001R0537	201616		0.49	1
	40	S802S-K40	2CCS862001R0557	201623		0.49	1
	50	S802S-K50	2CCS862001R0577	201630		0.49	1
	63	S802S-K63	2CCS862001R0597	201647		0.49	1
	80	S802S-K80	2CCS862001R0627	201654		0.49	1
	100	S802S-K100	2CCS862001R0637	201661		0.49	1
	125	S802S-K125	2CCS862001R0647	201678		0.49	1



3	6	S803S-K6	2CCS863001R0067	408244	0.735	1
	8	S803S-K8	2CCS863001R0407	411466	0.735	1
	10	S803S-K10	2CCS863001R0427	201685	0.735	1
	13	S803S-K13	2CCS863001R0447	201692	0.735	1
	16	S803S-K16	2CCS863001R0467	201708	0.735	1
	20	S803S-K20	2CCS863001R0487	201715	0.735	1
	25	S803S-K25	2CCS863001R0517	201722	0.735	1
	32	S803S-K32	2CCS863001R0537	201739	0.735	1
	40	S803S-K40	2CCS863001R0557	201746	0.735	1
	50	S803S-K50	2CCS863001R0577	201753	0.735	1
	63	S803S-K63	2CCS863001R0597	201760	0.735	1
	80	S803S-K80	2CCS863001R0627	201777	0.735	1
	100	S803S-K100	2CCS863001R0637	201784	0.735	1
	125	S803S-K125	2CCS863001R0647	201791	0.735	1
4	6	S804S-K6	2CCS864001R0067	408251	0.98	1
	8	S804S-K8	2CCS864001R0407	411473	0.98	1
	10	S804S-K10	2CCS864001R0427	201807	0.98	1
	13	S804S-K13	2CCS864001R0447	201814	0.98	1
	16	S804S-K16	2CCS864001R0467	201821	0.98	1
	20	S804S-K20	2CCS864001R0487	201838	0.98	1
	25	S804S-K25	2CCS864001R0517	201845	0.98	1
	32	S804S-K32	2CCS864001R0537	201852	0.98	1
	40	S804S-K40	2CCS864001R0557	201869	0.98	1
	50	S804S-K50	2CCS864001R0577	201876	0.98	1
	63	S804S-K63	2CCS864001R0597	201883	0.98	1
	80	S804S-K80	2CCS864001R0627	201890	0.98	1
	100	S804S-K100	2CCS864001R0637	201906	0.98	1
	125	S804S-K125	2CCS864001R0647	201913	0.98	1

K

2

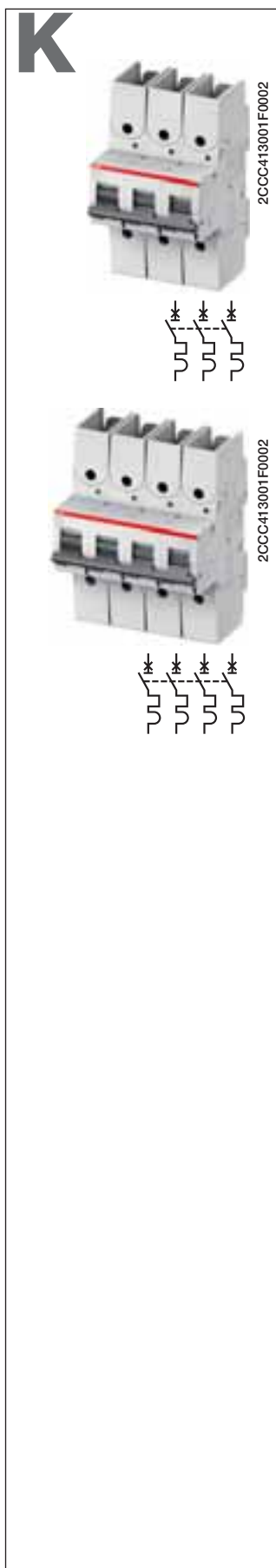


S800S-K characteristic

Function: protection and control of the circuits like motors, transformer and auxiliary circuits, against overloads and short-circuits when a high breaking capacity is required; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.
Advantages: no nuisance tripping in the case of functional peak currents up to $10 \times I_n$, depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

Applications: commercial and industrial.
Standard: IEC/EN 60947-2
Icu=50 kA

Number of poles	Rated current	Order details	Bbn 7612271	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
1	6	S801S-K6-R	2CCS861002R0067	408381		0,245	1
	8	S801S-K8-R	2CCS861002R0407	411602		0,245	1
	10	S801S-K10-R	2CCS861002R0427	209391		0,245	1
	13	S801S-K13-R	2CCS861002R0447	209407		0,245	1
	16	S801S-K16-R	2CCS861002R0467	209414		0,245	1
	20	S801S-K20-R	2CCS861002R0487	209421		0,245	1
	25	S801S-K25-R	2CCS861002R0517	209438		0,245	1
	32	S801S-K32-R	2CCS861002R0537	209445		0,245	1
	40	S801S-K40-R	2CCS861002R0557	207540		0,245	1
	50	S801S-K50-R	2CCS861002R0577	207557		0,245	1
	63	S801S-K63-R	2CCS861002R0597	207564		0,245	1
	80	S801S-K80-R	2CCS861002R0627	207571		0,245	1
	100	S801S-K100-R	2CCS861002R0637	207588		0,245	1
	125	S801S-K125-R	2CCS861002R0647	207595		0,245	1
2	6	S802S-K6-R	2CCS862002R0067	408398		0,49	1
	8	S802S-K8-R	2CCS862002R0407	411619		0,49	1
	10	S802S-K10-R	2CCS862002R0427	209452		0,49	1
	13	S802S-K13-R	2CCS862002R0447	209469		0,49	1
	16	S802S-K16-R	2CCS862002R0467	209476		0,49	1
	20	S802S-K20-R	2CCS862002R0487	209483		0,49	1
	25	S802S-K25-R	2CCS862002R0517	209490		0,49	1
	32	S802S-K32-R	2CCS862002R0537	209506		0,49	1
	40	S802S-K40-R	2CCS862002R0557	207601		0,49	1
	50	S802S-K50-R	2CCS862002R0577	207618		0,49	1
	63	S802S-K63-R	2CCS862002R0597	207625		0,49	1
	80	S802S-K80-R	2CCS862002R0627	207632		0,49	1
	100	S802S-K100-R	2CCS862002R0637	207649		0,49	1
	125	S802S-K125-R	2CCS862002R0647	207656		0,49	1



3	6	S803S-K6-R	2CCS863002R0067	408404	0,735	1
	8	S803S-K8-R	2CCS863002R0407	411626	0,735	1
	10	S803S-K10-R	2CCS863002R0427	209513	0,735	1
	13	S803S-K13-R	2CCS863002R0447	209520	0,735	1
	16	S803S-K16-R	2CCS863002R0467	209537	0,735	1
	20	S803S-K20-R	2CCS863002R0487	209544	0,735	1
	25	S803S-K25-R	2CCS863002R0517	209551	0,735	1
	32	S803S-K32-R	2CCS863002R0537	209568	0,735	1
	40	S803S-K40-R	2CCS863002R0557	207663	0,735	1
	50	S803S-K50-R	2CCS863002R0577	207670	0,735	1
	63	S803S-K63-R	2CCS863002R0597	207687	0,735	1
	80	S803S-K80-R	2CCS863002R0627	207694	0,735	1
	100	S803S-K100-R	2CCS863002R0637	207700	0,735	1
	125	S803S-K125-R	2CCS863002R0647	207717	0,735	1
4	6	S804S-K6-R	2CCS864002R0067	408411	0,98	1
	8	S804S-K8-R	2CCS864002R0407	411633	0,98	1
	10	S804S-K10-R	2CCS864002R0427	209575	0,98	1
	13	S804S-K13-R	2CCS864002R0447	209582	0,98	1
	16	S804S-K16-R	2CCS864002R0467	209599	0,98	1
	20	S804S-K20-R	2CCS864002R0487	209605	0,98	1
	25	S804S-K25-R	2CCS864002R0517	209612	0,98	1
	32	S804S-K32-R	2CCS864002R0537	209629	0,98	1
	40	S804S-K40-R	2CCS864002R0557	207724	0,98	1
	50	S804S-K50-R	2CCS864002R0577	207731	0,98	1
	63	S804S-K63-R	2CCS864002R0597	207748	0,98	1
	80	S804S-K80-R	2CCS864002R0627	207755	0,98	1
	100	S804S-K100-R	2CCS864002R0637	207762	0,98	1
	125	S804S-K125-R	2CCS864002R0647	207779	0,98	1

KM



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S800S-KM characteristic with cage terminal

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; only magnetic version dedicated to protect motors; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream; version dedicated to application in direct current circuits.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2

Icu=50 kA

Number of poles	Rated current	Order details	Bbn 7612271	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
3	20	S803S-KM20	2CCS863001R0486	202194		0.735	1
	25	S803S-KM25	2CCS863001R0516	202200		0.735	1
	32	S803S-KM32	2CCS863001R0536	202217		0.735	1
	40	S803S-KM40	2CCS863001R0556	202224		0.735	1
	50	S803S-KM50	2CCS863001R0576	202231		0.735	1
	63	S803S-KM63	2CCS863001R0596	202248		0.735	1
	80	S803S-KM80	2CCS863001R0626	202255		0.735	1

KM



2CCS413001F0002



S800S-KM-R characteristic with ring terminal connection

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; only magnetic version dedicated to protect motors; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream; version dedicated to application in direct current circuits.

Applications: commercial and industrial.

Standard: IEC/EN 60947-2

Icu=50 kA

Number of poles	Rated current	Order details	Bbn 7612271	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
3	20	S803S-KM20-R	2CCS863002R0486	210830		0,735	1
	25	S803S-KM25-R	2CCS863002R0516	210847		0,735	1
	32	S803S-KM32-R	2CCS863002R0536	210854		0,735	1
	40	S803S-KM40-R	2CCS863002R0556	207786		0,735	1
	50	S803S-KM50-R	2CCS863002R0576	207793		0,735	1
	63	S803S-KM63-R	2CCS863002R0596	207809		0,735	1
	80	S803S-KM80-R	2CCS863002R0626	207816		0,735	1

PV-S



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2CCP413001F0002



2CCP413001F0002



S800PV-S characteristic

Function: protection and control of photovoltaic strings against overloads and short-circuits. Ideal replacement for fuses due to comfortable string failure identification and signalisation.

Applications: Photovoltaic systems.

Standard: IEC 60947-2

Icu=5 kA

Number of poles	Rated current	Order details	Bbn	Price 1 piece	Price group	Weight 1 piece	Pack unit
In A	Type code	Order code	EAN			kg	pc.
2	10	S802PV-S10	2CCP842001R1109	210939		0.49	1
	13	S802PV-S13	2CCP842001R1139	210946		0.49	1
	16	S802PV-S16	2CCP842001R1169	210953		0.49	1
	20	S802PV-S20	2CCP842001R1209	210960		0.49	1
	25	S802PV-S25	2CCP842001R1259	210977		0.49	1
	32	S802PV-S32	2CCP842001R1329	210984		0.49	1
	40	S802PV-S40	2CCP842001R1409	210991		0.49	1
	50	S802PV-S50	2CCP842001R1509	211004		0.49	1
	63	S802PV-S63	2CCP842001R1639	211011		0.49	1
	80	S802PV-S80	2CCP842001R1809	211028		0.49	1
	100	S802PV-S100	2CCP842001R1829	214968		0.49	1
	125	S802PV-S125	2CCP842001R1849	214999		0.49	1
3	10	S803PV-S10	2CCP843001R1109	211035		0.735	1
	13	S803PV-S13	2CCP843001R1139	211042		0.735	1
	16	S803PV-S16	2CCP843001R1169	211059		0.735	1
	20	S803PV-S20	2CCP843001R1209	211066		0.735	1
	25	S803PV-S25	2CCP843001R1259	211073		0.735	1
	32	S803PV-S32	2CCP843001R1329	211080		0.735	1
	40	S803PV-S40	2CCP843001R1409	211097		0.735	1
	50	S803PV-S50	2CCP843001R1509	211103		0.735	1
	63	S803PV-S63	2CCP843001R1639	211110		0.735	1
	80	S803PV-S80	2CCP843001R1809	211127		0.735	1
	100	S803PV-S100	2CCP843001R1829	214975		0.740	1
	125	S803PV-S125	2CCP843001R1849	215002		0.740	1
4	10	S804PV-S10	2CCP844001R1109	211134		0.98	1
	13	S804PV-S13	2CCP844001R1139	211141		0.98	1
	16	S804PV-S16	2CCP844001R1169	211158		0.98	1
	20	S804PV-S20	2CCP844001R1209	211165		0.98	1
	25	S804PV-S25	2CCP844001R1259	211172		0.98	1
	32	S804PV-S32	2CCP844001R1329	211189		0.98	1
	40	S804PV-S40	2CCP844001R1409	211196		0.98	1
	50	S804PV-S50	2CCP844001R1509	211202		0.98	1
	63	S804PV-S63	2CCP844001R1639	211219		0.98	1
	80	S804PV-S80	2CCP844001R1809	211226		0.98	1
	100	S804PV-S100	2CCP844001R1829	214982		0.98	1
	125	S804PV-S125	2CCP844001R1849	215019		0.98	1

S800PV-M

Function: DC main switch for photovoltaic applications. Safe disconnection of photovoltaic arrays.

Applications: Photovoltaic systems.

Standard: IEC 60947-3

Icw=1.5 kA



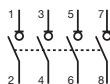
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Number of poles	Rated current	Order details	Bbn	Price	Price	Weight	Pack
	In A	Type code	7612271	1 piece	group	1 piece	unit
			EAN			kg	pc.
2	32	S802PV-M32	2CCP812001R1329	211233		0.43	1
	63	S802PV-M63	2CCD842001R1590	215026		0.65	1
	125	S802PV-M125	2CCP812001R1849	211240		0.43	1

3	32	S803PV-M32	2CCP813001R1329	211257		0.65	1
	63	S803PV-M63	2CCD843001R1590	215033		0.65	1
	125	S803PV-M125	2CCP813001R1849	211264		0.65	1

4	32	S804PV-M32	2CCP814001R1329	211271		0.86	1
	63	S804PV-M63	2CCD844001R1590	215040		0.86	1
	125	S804PV-M125	2CCP814001R1849	211288		0.86	1



TECHNICAL FEATURES			S500-K
Standards			IEC/EN 60947-2, UL 1077 ①, CAN/CSA-C22.2 No. 35
Rated current I_n			adjustable $0.1 \leq I_n \leq 3$ / $2.8 \leq I_n \leq 11$ / $10 \leq I_n \leq 45$
Poles			1, 2, 3+N, NA
Rated voltage U_e	IEC AC	V	230/400; 250/440; 3x500; 400/690
	UL/CSA AC	V	240/415; 277/480; 346/600
Insulation voltage U_i			690
Max. operating voltage U_b max.	IEC AC	V	400/690
	UL/CSA AC	V	600 Y/346
Rated frequency			16 2/3, 50/60
Rated breaking capacity acc. to IEC/EN 60947-2			ultimate I_{cu}
1P @ 230 VAC			100 (0.1 - 3A) 50 (2.8 - 11A) 30 (10 - 45A)
2P, 3P, 4P @ 400 VAC			service I_{cs}
Rated interrupting capacity acc. to UL1077, CSA22.2			IR
No.35 1P@277 VAC			14
2P,3P,4P@480 VAC			
Rated impulse withstand voltage (1.2/50) U_{imp}			kV
Overvoltage category			6
Thermomagnetic release characteristic			K: $8 I_n \leq I_m \leq 14 I_n$
Toggle			grey sealable in ON-OFF position
Protection degree	housing		IP4X
	terminals		IP2X
Tropicalization acc. to IEC/EN 60068-2			humid heat °C/RH
Reference temperature for setting of thermal element			40 °C
Ambient temperature (with daily average $\leq +35$ °C)			-25...+55 °C
Terminal type			cage (shock protected)
Terminal size top/bottom for cable			IEC mm ² 1 ... 25
			UL/CSA AWG 17
Tightening torque			Nm 2.5
Mounting			on DIN rail EN 60715
Connection			from top and bottom
Pole dimensions (H x D x W)			mm 91 x 92 x 25
Pole weight			g 250
Combinable with:			signal contact/auxiliary switch yes
			shunt trip yes
			undervoltage release yes (factory fitted)
			mechanical interlock no
			motor operating device no

① supplementary protection



TECHNICAL FEATURES			S500UC-K
Standards			IEC/EN 60947-2, UL 1077 ①, CAN/CSA-C22.2 ① No. 35
Rated current In		A	adjustable 0.1 ≤ In ≤ 3 / 2.8 ≤ In ≤ 11 / 10 ≤ In ≤ 45
Poles			1 ... 4
Rated voltage Ue	DC	V	250 per pole (4P 750V)
Insulation voltage Ui		V	1000 VDC
Max. operating voltage Ub max.	DC	V	250 per pole (4P 750V)
Rated breaking capacity acc. to IEC/EN 60947-2 1P@ 250 VDC 2P@500 VDC 3P, 4P@ 750 VDC	ultimate Icu	kA	30
Rated interrupting capacity acc. to UL1077, CSA22.2 No.235 1P@60 VDC 2P, 3P, 4P@125 VDC	IR	kA	30
Rated impulse withstand voltage Uimp		kV	6
Overvoltage category			
Thermomagnetic release characteristic	K: 8 In ≤ Im ≤ 14 In		■
Toggle	grey sealable in ON-OFF position		
Protection degree	housing terminals		IP4X IP2X
Tropicalization acc. to IEC/EN 60068-2	humid heat	°C/RH	DIN 50016
Reference temperature for setting of thermal element		°C	40
Ambient temperature (with daily average ≤ +35 °C)		°C	-25...+55
Terminal type			cage (shock protected)
Terminal size top/bottom for cable	IEC UL/CSA	mm² AWG	1 ... 25 17-4
Tightening torque	IEC	Nm	2.5
Tool	Nr. 2 Posidriv		
Mounting	on DIN rail EN 60715		
Connection	from top and bottom		
Pole dimensions (H x D x W)		mm	91 x 92 x 25
Pole weight		g	250
Combinable with:	signal contact/auxiliary switch		yes
	shunt trip		yes
	undervoltage release		yes (factory fitted)
	mechanical interlock		no
	motor operating device		no

① supplementary protection

MCBs S500 series with adjustable thermal
release for motor protection**K**

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3	0.1-0.15	S503 K0.1 - 0.15	2CCF008932R0001	303502	0.750	1
	0.14-0.21	S503 K0.14 - 0.21	2CCF008933R0001	303519	0.750	1
	0.2-0.3	S503 K0.2 - 0.3	2CCF008934R0001	303526	0.750	1
	0.28-0.42	S503 K0.28 - 0.42	2CCF008935R0001	303533	0.750	1
	0.38-0.58	S503 K0.38 - 0.58	2CCF008936R0001	303540	0.750	1
	0.53-0.8	S503 K0.53 - 0.8	2CCF008937R0001	303557	0.750	1
	0.73-1.1	S503 K0.73 - 1.1	2CCF008938R0001	303564	0.750	1
	1-1.5	S503 K1 - 1.5	2CCF008939R0001	303571	0.750	1
	1.4-2.1	S503 K1.4 - 2.1	2CCF008940R0001	303588	0.750	1
	2-3	S503 K2-3	2CCF008941R0001	303595	0.750	1
	2.8-4.2	S503 K2.8 - 4.2	2CCF008942R0001	303601	0.750	1
	3.8-5.8	S503 K3.8 - 5.8	2CCF008943R0001	303618	0.750	1
	5.3-8	S503 K5.3 - 8	2CCF008944R0001	303625	0.750	1
	7.3-11	S503 K7.3 - 11	2CCF008945R0001	303632	0.750	1
	10-15	S503 K10 - 15	2CCF008946R0001	303649	0.750	1
	14-20	S503 K14 - 20	2CCF008947R0001	303656	0.750	1
	18-26	S503 K18 - 26	2CCF008948R0001	303663	0.750	1
	23-32	S503 K23 - 32	2CCF008949R0001	303670	0.750	1
	29-37	S503 K29 - 37	2CCF008950R0001	303687	0.750	1
	34-41	S503 K34 - 41	2CCF008951R0001	303694	0.750	1
	38-45	S503 K38 - 45	2CCF008964R0001	303700	0.750	1
4	0.1-0.15	S504UC-K0,15	2CCF011771R0001	302758	0,92	1
	0.14-0.21	S504UC-K0,21	2CCF011772R0001	302765	0,92	1
	0.2-0.3	S504UC-K0,3	2CCF011576R0001	302772	0,92	1
	0.28-0.42	S504UC-K0,42	2CCF011773R0001	302789	0,92	1
	0.38-0.58	S504UC-K0,58	2CCF011774R0001	302796	0,92	1
	0.53-0.8	S504UC-K0,8	2CCF011775R0001	302802	0,92	1
	0.73-1.1	S504UC-K1,1	2CCF011776R0001	302819	0,92	1
	1-1.5	S504UC-K1,5	2CCF011777R0001	302826	0,92	1
	1.4-2.1	S504UC-K2,1	2CCF011778R0001	302833	0,92	1
	2-3	S504UC-K3	2CCF011779R0001	302840	0,92	1
	2.8-4.2	S504UC-K4,2	2CCF011780R0001	302857	0,92	1
	3.8-5.8	S504UC-K5,8	2CCF011781R0001	302864	0,92	1
	5.3-8	S504UC-K8	2CCF011782R0001	302871	0,92	1
	7.3-11	S504UC-K11	2CCF011509R0001	302888	0,92	1
	10-15	S504UC-K15	2CCF011783R0001	302895	0,92	1
	14-20	S504UC-K20	2CCF011784R0001	302901	0,92	1
	18-26	S504UC-K26	2CCF011785R0001	302918	0,92	1
	23-32	S504UC-K32	2CCF011786R0001	302925	0,92	1
	29-37	S504UC-K37	2CCF011787R0001	302932	0,92	1
	34-41	S504UC-K41	2CCF011788R0001	302949	0,92	1
	38-45	S504UC-K45	2CCF011789R0001	302956	0,92	1

Note: from 5 to 6 poles available upon request

