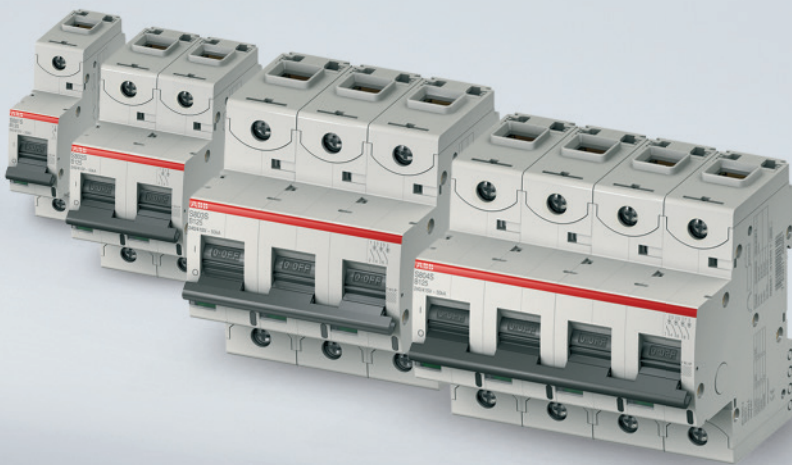


High Performance Circuit Breaker S800S

for IEC and UL applications



The high performance circuit breaker S800S is designed for use in IEC and UL applications and available in 1-, 2-, 3- and 4-pole versions.

The small pole width of only 27 mm allows a space-saving installation. The current range covers nominal rated currents from 6 A up to 125 A (depending on characteristic) with a maximum rated short-circuit breaking capacity (I_{cu}) of up to 50 kA in IEC applications and breaking capacities (I_{cc}) of up to 30 kA in UL applications.

Due to the number of global standards met by the S800S, the flexibility for worldwide installation is high. A single product can fulfill the needs of both IEC and UL applications.

Features

- Rated operational voltage up to 690 V AC (IEC) and 346/600Y V AC (UL), Supplementary Protector
- Rated short-circuit breaking capacity (I_{cu}) 50 kA @ 240/415 V AC (IEC) and 30 kA @ 240 V AC (UL)
- Useable with short-circuit current limiter S803S-SCL to increase breaking capacity up to 100 kA
- Fast modification on ring lug terminals
- Compact
- Space saving

Application

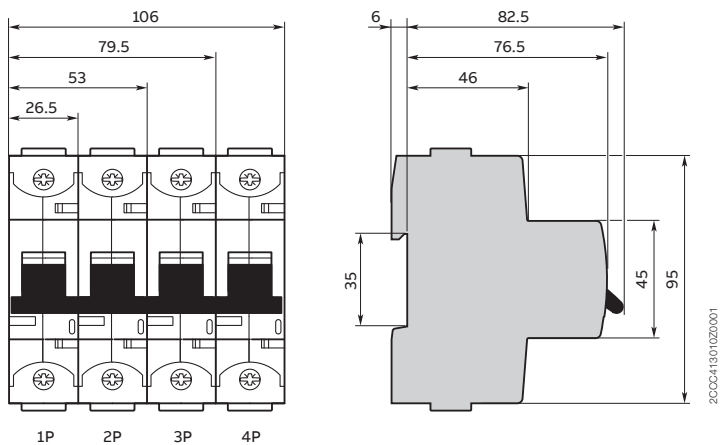
- Transformer protection
- Motor protection
- Mining industry, opencast and underground
- Power distribution systems e.g. tunnels
- Lighting systems protection
- Ventilation equipment protection
- Also used for applications supplied by long wires

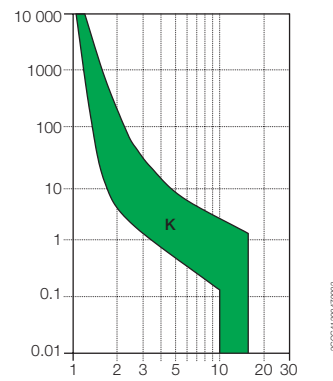
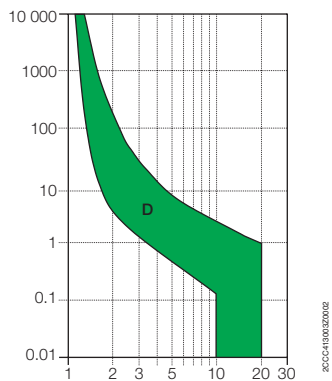
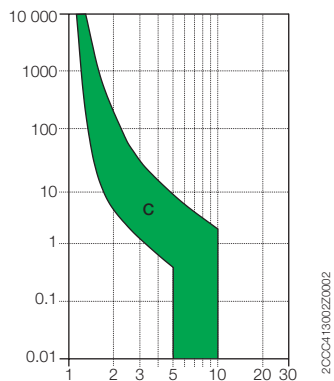
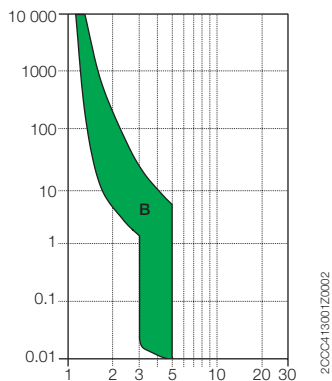
Technical data

S800S

General data		
Tripping characteristic		B, C, D, K
Standard		IEC 60947-2, EN 60898-1, UL 1077
Poles		1...4
Rated frequency	Hz	50/60
Overvoltage category		IV
Pollution degree		3
Suitability for isolation		yes
Data acc. to IEC 60947-2		
Rated operational voltage U_e	V	AC 400/690
Rated operational current I_e	A	6 ... 125 AC 240/415 V = 50 kA AC 254/440 V = 30 kA AC 400/690 V (up to 80 A) = 6 kA AC 400/690 V (100... 125 A) = 4.5 kA
Rated ultimate short-circuit capacity I_{cu}	kA	DC 125 V (1-pole) = 30 kA DC 250 V (2-pole) = 30 kA DC 375 V (3-pole) = 30 kA DC 500 V (4-pole) = 30 kA AC 240/415 V = 40 kA AC 254/440 V (up to 80 A) = 22.5 kA AC 254/440 V (100... 125 A) = 15 kA AC 400/690 V (up to 80 A) = 4 kA AC 400/690 V (100... 125 A) = 3 kA
Rated service short-circuit capacity I_{cs}	kA	DC 125 V (1-pole) = 30 kA DC 250 V (2-pole) = 30 kA DC 375 V (3-pole) = 30 kA DC 500 V (4-pole) = 30 kA
Rated insulation voltage U_i	V	AC 690 V
Rated impulse withstand voltage U_{imp}	kV	8
Reference temperature for tripping characteristic	°C	B, C, D: 30, K: 40
Electrical and mechanical endurance	ops.	up to 100 A: 6000 electrical/ 4000 mechanical 125 A: 4000 electrical/ 6000 mechanical
Data acc. to UL1077, Supplementary Protector		
Rated voltage U	V	AC 600 V
Rated current I	A	6 ... 63 30 (240 V up to 63 A) 14 (277/480Y V up to 63 A) 6 (346/600Y V up to 40A, 63A)
Short-circuit breaking capacity I_{cc}	kA	6 (346/600Y V up to 40A, 63A)
Rated insulation voltage U_i	V	AC 600 V
Reference temperature for tripping characteristic	°C	B, C, D: 30, K: 40
Electrical and mechanical endurance	ops.	up to 63 A: 6000 electrical/ 4000 mechanical

General data		
Mechanical data		
Housing		Material group I, RAL 7035
Toggle		black, lockable
Protection degree acc. to IEC / EN 60529		IP20; IP40 (actuating side only)
Classification acc. to NF F16-101, NF F 16-102		I3, F2
Classification acc. to IEC 61373 (shock and vibration)		Cat. 1, Class B
Shock resistance acc. to IEC / EN 60068-2-27		Test Ea: 5 g/30 ms Test Fc: 2–13.2 Hz/1 mm 13.2–100 Hz/0.7 g with load 100 % x I _e
Vibration resistance acc. to IEC / EN 60068-2-6		12+12 cycle with 55 °C/90–96 % RH and 25 °C/95–100 % RH
Environmental conditions (damp heat) acc. to IEC / EN 60068-2-30		16 hours 55°C/2 hours 70°C/55% RH
Environmental conditions (dry heat) acc. to IEC / EN 60068-2-2		
Ambient temperature	°C	–25 ... +60
Storage temperature	°C	–40 ... +70
Installation		
Terminal		Failsafe cage terminal
Connection (top/bottom) – Cu only	mm ²	1 ... 50 stranded 1 ... 70 flexible
Tightening torque	Nm	3.5
Screwdriver		POZI 2
Mounting		EN 60715
Mounting position		any
Supply side		any
Dimension and weight		
Pole dimension (H x L x W)	mm	95 x 82,5 x 26,5
Pole weight	kg	0.27





Tripping behaviour compliant to EN 60898-1

Characteristics	Currents	Thermal tripping		Electromagnetic tripping	
		Small test current	Large test current	Small test current	Large test current
B	10 ... 80 A	$1.13 \times I_n$	$1.45 \times I_n$	$3 \times I_n$	$5 \times I_n$
C	10 ... 80 A	$1.13 \times I_n$	$1.45 \times I_n$	$5 \times I_n$	$10 \times I_n$
D	10 ... 80 A	$1.13 \times I_n$	$1.45 \times I_n$	$10 \times I_n$	$20 \times I_n$

Tripping behaviour compliant to IEC 60947-2

Characteristics	Currents	Thermal tripping		Electromagnetic tripping
		Small test current	Large test current	
B	6 ... 125 A	$1.05 \times I_n$	$1.30 \times I_n$	$4 \times I_n \pm 20\%$
C	6 ... 125 A	$1.05 \times I_n$	$1.30 \times I_n$	$8 \times I_n \pm 20\%$
D	6 ... 125 A	$1.05 \times I_n$	$1.30 \times I_n$	$13 \times I_n \pm 20\%$
K	6 ... 125 A	$1.05 \times I_n$	$1.20 \times I_n$	$13 \times I_n \pm 20\%$

Typical internal resistances and power losses at 25 °C ambient temperature (per pole)

Rated current I_n [A]	Internal resistance R_i [mΩ]	Power loss P_v [W]
	B, C, D, K	B, C, D, K
6	51.7	1.8
8	27.2	1.7
10	15.2	1.5
13	12.1	2
16	12.1	3.1
20	8.7	3.5
25	6.8	4.3
32	3.1	3.2
40	2.3	3.7
50	1.7	4.3
63	1.6	6.4
80	1	6.4
100	0.8	8

Influence of ambient temperature

The table refers to the conditions according to the product standard IEC 60947-2.

Max. operating current depending on the ambient temperature of S800

B,C,D In [A]	Ambient temperature [°C]																				
	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
6	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0
8	9.6	9.5	9.3	9.2	9.0	8.9	8.7	8.6	8.4	8.3	8.1	8.0	7.9	7.7	7.6	7.4	7.3	7.1	7.0	6.8	6.7
10	12.0	11.8	11.7	11.5	11.3	11.1	10.9	10.7	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.5	8.3
13	15.6	15.4	15.1	14.9	14.7	14.4	14.2	14.0	13.7	13.5	13.2	13.0	12.8	12.5	12.3	12.0	11.8	11.6	11.3	11.1	10.9
16	19.2	18.9	18.6	18.3	18.1	17.8	17.5	17.2	16.9	16.6	16.3	16.0	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.7	13.4
20	24.0	23.7	23.3	22.9	22.6	22.2	21.8	21.5	21.1	20.7	20.4	20.0	19.6	19.3	18.9	18.5	18.2	17.8	17.4	17.1	16.7
25	30.0	29.6	29.1	28.7	28.2	27.8	27.3	26.8	26.4	25.9	25.5	25.0	24.5	24.1	23.6	23.2	22.7	22.2	21.8	21.3	20.9
32	38.5	37.9	37.3	36.7	36.1	35.5	34.9	34.3	33.8	33.2	32.6	32.0	31.4	30.8	30.2	29.7	29.1	28.5	27.9	27.3	26.7
40	48.1	47.3	46.6	45.9	45.1	44.4	43.7	42.9	42.2	41.5	40.7	40.0	39.3	38.5	37.8	37.1	36.3	35.6	34.9	34.1	33.4
50	60.1	59.2	58.3	57.3	56.4	55.5	54.6	53.7	52.8	51.8	50.9	50.0	49.1	48.2	47.2	46.3	45.4	44.5	43.6	42.7	41.7
63	75.7	74.6	73.4	72.2	71.1	69.9	68.8	67.6	66.5	65.3	64.2	63.0	61.8	60.7	59.5	58.4	57.2	56.1	54.9	53.8	52.6
80	96.1	94.7	93.2	91.7	90.3	88.8	87.3	85.9	84.4	82.9	81.5	80.0	78.5	77.1	75.6	74.1	72.7	71.2	69.7	68.3	66.8
100	120.2	118.4	116.5	114.7	112.8	111.0	109.2	107.3	105.5	103.7	101.8	100.0	98.2	96.3	94.5	92.7	90.8	89.0	87.2	85.3	83.5
125	150.2	147.9	145.6	143.4	141.1	138.8	136.5	134.2	131.9	129.6	127.3	125.0	122.7	120.4	118.1	115.8	113.5	111.2	108.9	106.7	104.4

K In [A]	Ambient temperature [°C]																				
	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
6	7.43	7.32	7.21	7.10	6.99	6.88	6.77	6.66	6.55	6.44	6.33	6.22	6.11	6.00	5.89	5.78	5.67	5.56	5.45	5.34	5.23
8	9.91	9.76	9.61	9.47	9.32	9.17	9.03	8.88	8.73	8.59	8.44	8.29	8.15	8.00	7.85	7.71	7.56	7.41	7.27	7.12	6.97
10	12.4	12.2	12.0	11.8	11.7	11.5	11.3	11.1	10.9	10.7	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.3	9.1	8.9	8.7
13	16.1	15.9	15.6	15.4	15.1	14.9	14.7	14.4	14.2	14.0	13.7	13.5	13.2	13.0	12.8	12.5	12.3	12.0	11.8	11.6	11.3
16	19.8	19.5	19.2	18.9	18.6	18.3	18.1	17.8	17.5	17.2	16.9	16.6	16.3	16.0	15.7	15.4	15.1	14.8	14.5	14.2	13.9
20	24.8	24.4	24.0	23.7	23.3	22.9	22.6	22.2	21.8	21.5	21.1	20.7	20.4	20.0	19.6	19.3	18.9	18.5	18.2	17.8	17.4
25	31.0	30.5	30.0	29.6	29.1	28.7	28.2	27.8	27.3	26.8	26.4	25.9	25.5	25.0	24.5	24.1	23.6	23.2	22.7	22.2	21.8
32	39.6	39.0	38.5	37.9	37.3	36.7	36.1	35.5	34.9	34.3	33.8	33.2	32.6	32.0	31.4	30.8	30.2	29.7	29.1	28.5	27.9
40	49.5	48.8	48.1	47.3	46.6	45.9	45.1	44.4	43.7	42.9	42.2	41.5	40.7	40.0	39.3	38.5	37.8	37.1	36.3	35.6	34.9
50	61.9	61.0	60.1	59.2	58.3	57.3	56.4	55.5	54.6	53.7	52.8	51.8	50.9	50.0	49.1	48.2	47.2	46.3	45.4	44.5	43.6
63	78.0	76.9	75.7	74.6	73.4	72.2	71.1	69.9	68.8	67.6	66.5	65.3	64.2	63.0	61.8	60.7	59.5	58.4	57.2	56.1	54.9
80	99.1	97.6	96.1	94.7	93.2	91.7	90.3	88.8	87.3	85.9	84.4	82.9	81.5	80.0	78.5	77.1	75.6	74.1	72.7	71.2	69.7
100	123.9	122.0	120.2	118.4	116.5	114.7	112.8	111.0	109.2	107.3	105.5	103.7	101.8	100.0	98.2	96.3	94.5	92.7	90.8	89.0	87.2
125	154.8	152.5	150.2	147.9	145.6	143.4	141.1	138.8	136.5	134.2	131.9	129.6	127.3	125.0	122.7	120.4	118.1	115.8	113.5	111.2	108.9

S800S-B Characteristic B I_{cu} = 50 kA; with interchangeable cage terminal

2CCCH13001R0002



I_{cu} [kA]	Rated current		Order details			Weight [kg]	Pkg. unit
	[A]		Type code	Order code	GTIN EAN 7612271		
50	6		S801S-B6	2CCS861001R0065	408107	0.24	1
50	8		S801S-B8	2CCS861001R0085	411329	0.24	1
50	10		S801S-B10	2CCS861001R0105	200008	0.24	1
50	13		S801S-B13	2CCS861001R0135	200015	0.24	1
50	16		S801S-B16	2CCS861001R0165	200022	0.24	1
50	20		S801S-B20	2CCS861001R0205	200039	0.24	1
50	25		S801S-B25	2CCS861001R0255	200046	0.24	1
50	32		S801S-B32	2CCS861001R0325	200053	0.24	1
50	40		S801S-B40	2CCS861001R0405	200060	0.24	1
50	50		S801S-B50	2CCS861001R0505	200077	0.24	1
50	63		S801S-B63	2CCS861001R0635	200084	0.24	1
50	80		S801S-B80	2CCS861001R0805	200091	0.24	1
50	100		S801S-B100	2CCS861001R0825	200107	0.24	1
50	125		S801S-B125	2CCS861001R0845	200114	0.24	1



2CCCH13002R0002



50	6		S802S-B6	2CCS862001R0065	408114	0.49	1
50	8		S802S-B8	2CCS862001R0085	411336	0.49	1
50	10		S802S-B10	2CCS862001R0105	200121	0.49	1
50	13		S802S-B13	2CCS862001R0135	200138	0.49	1
50	16		S802S-B16	2CCS862001R0165	200145	0.49	1
50	20		S802S-B20	2CCS862001R0205	200152	0.49	1
50	25		S802S-B25	2CCS862001R0255	200169	0.49	1
50	32		S802S-B32	2CCS862001R0325	200176	0.49	1
50	40		S802S-B40	2CCS862001R0405	200183	0.49	1
50	50		S802S-B50	2CCS862001R0505	200190	0.49	1
50	63		S802S-B63	2CCS862001R0635	200206	0.49	1
50	80		S802S-B80	2CCS862001R0805	200213	0.49	1
50	100		S802S-B100	2CCS862001R0825	200220	0.49	1
50	125		S802S-B125	2CCS862001R0845	200237	0.49	1



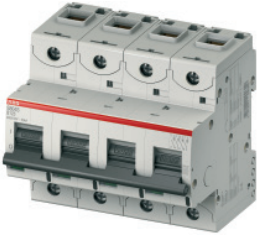
2CCCH13003R0002



50	6		S803S-B6	2CCS863001R0065	408121	0.74	1
50	8		S803S-B8	2CCS863001R0085	411343	0.74	1
50	10		S803S-B10	2CCS863001R0105	200244	0.74	1
50	13		S803S-B13	2CCS863001R0135	200251	0.74	1
50	16		S803S-B16	2CCS863001R0165	200268	0.74	1
50	20		S803S-B20	2CCS863001R0205	200275	0.74	1
50	25		S803S-B25	2CCS863001R0255	200282	0.74	1
50	32		S803S-B32	2CCS863001R0325	200299	0.74	1
50	40		S803S-B40	2CCS863001R0405	200305	0.74	1
50	50		S803S-B50	2CCS863001R0505	200312	0.74	1
50	63		S803S-B63	2CCS863001R0635	200329	0.74	1
50	80		S803S-B80	2CCS863001R0805	200336	0.74	1
50	100		S803S-B100	2CCS863001R0825	200343	0.74	1
50	125		S803S-B125	2CCS863001R0845	200350	0.74	1

S800S-B Characteristic B

$I_{cu} = 50 \text{ kA}$; with interchangeable cage terminal



2CCCS11000AF0002



I_{cu} [kA]	Rated current		Order details			Weight [kg]	Pkg. unit
	[A]		Type code	Order code	GTIN EAN 7612271		
50	6		S804S-B6	2CCS864001R0065	408138	0.98	1
50	8		S804S-B8	2CCS864001R0085	411350	0.98	1
50	10		S804S-B10	2CCS864001R0105	200367	0.98	1
50	13		S804S-B13	2CCS864001R0135	200374	0.98	1
50	16		S804S-B16	2CCS864001R0165	200381	0.98	1
50	20		S804S-B20	2CCS864001R0205	200398	0.98	1
50	25		S804S-B25	2CCS864001R0255	200404	0.98	1
50	32		S804S-B32	2CCS864001R0325	200411	0.98	1
50	40		S804S-B40	2CCS864001R0405	200428	0.98	1
50	50		S804S-B50	2CCS864001R0505	200435	0.98	1
50	63		S804S-B63	2CCS864001R0635	200442	0.98	1
50	80		S804S-B80	2CCS864001R0805	200459	0.98	1
50	100		S804S-B100	2CCS864001R0825	200466	0.98	1
50	125		S804S-B125	2CCS864001R0845	200473	0.98	1

S800S-C Characteristic C I_{cu} = 50 kA; with interchangeable cage terminal

2CCS413005F0002



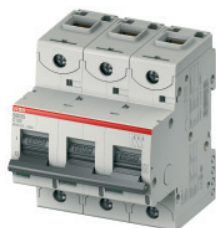
I_{cu} [kA]	Rated current		Order details			Weight [kg]	Pkg. unit
	[A]		Type code	Order code	GTIN EAN 7612271		
50	6		S801S-C6	2CCS861001R0064	408145	0.24	1
50	8		S801S-C8	2CCS861001R0084	411367	0.24	1
50	10		S801S-C10	2CCS861001R0104	200480	0.24	1
50	13		S801S-C13	2CCS861001R0134	200497	0.24	1
50	16		S801S-C16	2CCS861001R0164	200503	0.24	1
50	20		S801S-C20	2CCS861001R0204	200510	0.24	1
50	25		S801S-C25	2CCS861001R0254	200527	0.24	1
50	32		S801S-C32	2CCS861001R0324	200534	0.24	1
50	40		S801S-C40	2CCS861001R0404	200541	0.24	1
50	50		S801S-C50	2CCS861001R0504	200558	0.24	1
50	63		S801S-C63	2CCS861001R0634	200565	0.24	1
50	80		S801S-C80	2CCS861001R0804	200572	0.24	1
50	100		S801S-C100	2CCS861001R0824	200589	0.24	1
50	125		S801S-C125	2CCS861001R0844	200596	0.24	1



2CCS413006F0002



50	6		S802S-C6	2CCS862001R0064	408152	0.49	1
50	8		S802S-C8	2CCS862001R0084	411374	0.49	1
50	10		S802S-C10	2CCS862001R0104	200602	0.49	1
50	13		S802S-C13	2CCS862001R0134	200619	0.49	1
50	16		S802S-C16	2CCS862001R0164	200626	0.49	1
50	20		S802S-C20	2CCS862001R0204	200633	0.49	1
50	25		S802S-C25	2CCS862001R0254	200640	0.49	1
50	32		S802S-C32	2CCS862001R0324	200657	0.49	1
50	40		S802S-C40	2CCS862001R0404	200664	0.49	1
50	50		S802S-C50	2CCS862001R0504	200671	0.49	1
50	63		S802S-C63	2CCS862001R0634	200688	0.49	1
50	80		S802S-C80	2CCS862001R0804	200695	0.49	1
50	100		S802S-C100	2CCS862001R0824	200701	0.49	1
50	125		S802S-C125	2CCS862001R0844	200718	0.49	1



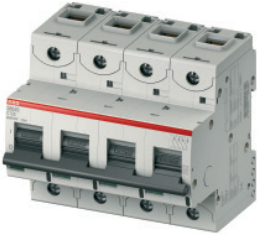
2CCS413007F0002



50	6		S803S-C6	2CCS863001R0064	408169	0.74	1
50	8		S803S-C8	2CCS863001R0084	411381	0.74	1
50	10		S803S-C10	2CCS863001R0104	200725	0.74	1
50	13		S803S-C13	2CCS863001R0134	200732	0.74	1
50	16		S803S-C16	2CCS863001R0164	200749	0.74	1
50	20		S803S-C20	2CCS863001R0204	200756	0.74	1
50	25		S803S-C25	2CCS863001R0254	200763	0.74	1
50	32		S803S-C32	2CCS863001R0324	200770	0.74	1
50	40		S803S-C40	2CCS863001R0404	200787	0.74	1
50	50		S803S-C50	2CCS863001R0504	200794	0.74	1
50	63		S803S-C63	2CCS863001R0634	200800	0.74	1
50	80		S803S-C80	2CCS863001R0804	200817	0.74	1
50	100		S803S-C100	2CCS863001R0824	200824	0.74	1
50	125		S803S-C125	2CCS863001R0844	200831	0.74	1

S800S-C Characteristic C

$I_{cu} = 50 \text{ kA}$; with interchangeable cage terminal



2CCCS13000R0002



I_{cu} [kA]	Rated current		Order details			Weight [kg]	Pkg. unit
	[A]	Type code	Order code	GTIN EAN 7612271			
50	6	S804S-C6	2CCS864001R0064	408176	0.98	1	
50	8	S804S-C8	2CCS864001R0084	411398	0.98	1	
50	10	S804S-C10	2CCS864001R0104	200848	0.98	1	
50	13	S804S-C13	2CCS864001R0134	200855	0.98	1	
50	16	S804S-C16	2CCS864001R0164	200862	0.98	1	
50	20	S804S-C20	2CCS864001R0204	200879	0.98	1	
50	25	S804S-C25	2CCS864001R0254	200886	0.98	1	
50	32	S804S-C32	2CCS864001R0324	200893	0.98	1	
50	40	S804S-C40	2CCS864001R0404	200909	0.98	1	
50	50	S804S-C50	2CCS864001R0504	200916	0.98	1	
50	63	S804S-C63	2CCS864001R0634	200923	0.98	1	
50	80	S804S-C80	2CCS864001R0804	200930	0.98	1	
50	100	S804S-C100	2CCS864001R0824	200947	0.98	1	
50	125	S804S-C125	2CCS864001R0844	200954	0.98	1	

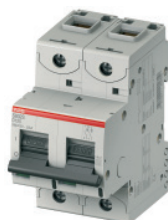
S800S-D Characteristic D

 I_{cu} = 50 kA; with interchangeable cage terminal

2CCS413009F0002



I_{cu} [kA]	Rated current		Order details			Weight [kg]	Pkg. unit
	[A]		Type code	Order code	GTIN EAN 7612271		
50	6		S801S-D6	2CCS861001R0061	408183	0.24	1
50	8		S801S-D8	2CCS861001R0081	411404	0.24	1
50	10		S801S-D10	2CCS861001R0101	200961	0.24	1
50	13		S801S-D13	2CCS861001R0131	200978	0.24	1
50	16		S801S-D16	2CCS861001R0161	200985	0.24	1
50	20		S801S-D20	2CCS861001R0201	200992	0.24	1
50	25		S801S-D25	2CCS861001R0251	201005	0.24	1
50	32		S801S-D32	2CCS861001R0321	201012	0.24	1
50	40		S801S-D40	2CCS861001R0401	201029	0.24	1
50	50		S801S-D50	2CCS861001R0501	201036	0.24	1
50	63		S801S-D63	2CCS861001R0631	201043	0.24	1
50	80		S801S-D80	2CCS861001R0801	201050	0.24	1
50	100		S801S-D100	2CCS861001R0821	201067	0.24	1
50	125		S801S-D125	2CCS861001R0841	201074	0.24	1



2CCS413010F0002



50	6		S802S-D6	2CCS862001R0061	408190	0.49	1
50	8		S802S-D8	2CCS862001R0081	411411	0.49	1
50	10		S802S-D10	2CCS862001R0101	201081	0.49	1
50	13		S802S-D13	2CCS862001R0131	201098	0.49	1
50	16		S802S-D16	2CCS862001R0161	201104	0.49	1
50	20		S802S-D20	2CCS862001R0201	201111	0.49	1
50	25		S802S-D25	2CCS862001R0251	201128	0.49	1
50	32		S802S-D32	2CCS862001R0321	201135	0.49	1
50	40		S802S-D40	2CCS862001R0401	201142	0.49	1
50	50		S802S-D50	2CCS862001R0501	201159	0.49	1
50	63		S802S-D63	2CCS862001R0631	201166	0.49	1
50	80		S802S-D80	2CCS862001R0801	201173	0.49	1
50	100		S802S-D100	2CCS862001R0821	201180	0.49	1
50	125		S802S-D125	2CCS862001R0841	201197	0.49	1



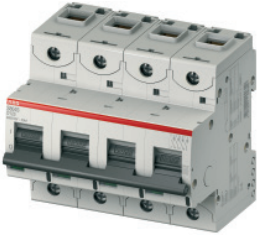
2CCS413011F0002



50	6		S803S-D6	2CCS863001R0061	408206	0.74	1
50	8		S803S-D8	2CCS863001R0081	411428	0.74	1
50	10		S803S-D10	2CCS863001R0101	201203	0.74	1
50	13		S803S-D13	2CCS863001R0131	201210	0.74	1
50	16		S803S-D16	2CCS863001R0161	201227	0.74	1
50	20		S803S-D20	2CCS863001R0201	201234	0.74	1
50	25		S803S-D25	2CCS863001R0251	201241	0.74	1
50	32		S803S-D32	2CCS863001R0321	201258	0.74	1
50	40		S803S-D40	2CCS863001R0401	201265	0.74	1
50	50		S803S-D50	2CCS863001R0501	201272	0.74	1
50	63		S803S-D63	2CCS863001R0631	201289	0.74	1
50	80		S803S-D80	2CCS863001R0801	201296	0.74	1
50	100		S803S-D100	2CCS863001R0821	201302	0.74	1
50	125		S803S-D125	2CCS863001R0841	201319	0.74	1

S800S-D Characteristic D

$I_{cu} = 50$ kA; with interchangeable cage terminal



2CCC0413012P0002

I_{cu} [kA]	Rated current		Order details			Weight [kg]	Pkg. unit
	[A]		Type code	Order code	GTIN EAN 7612271		
50	6		S804S-D6	2CCS864001R0061	408213	0.98	1
50	8		S804S-D8	2CCS864001R0081	411435	0.98	1
50	10		S804S-D10	2CCS864001R0101	201326	0.98	1
50	13		S804S-D13	2CCS864001R0131	201333	0.98	1
50	16		S804S-D16	2CCS864001R0161	201340	0.98	1
50	20		S804S-D20	2CCS864001R0201	201357	0.98	1
50	25		S804S-D25	2CCS864001R0251	201364	0.98	1
50	32		S804S-D32	2CCS864001R0321	201371	0.98	1
50	40		S804S-D40	2CCS864001R0401	201388	0.98	1
50	50		S804S-D50	2CCS864001R0501	201395	0.98	1
50	63		S804S-D63	2CCS864001R0631	201401	0.98	1
50	80		S804S-D80	2CCS864001R0801	201418	0.98	1
50	100		S804S-D100	2CCS864001R0821	201425	0.98	1
50	125		S804S-D125	2CCS864001R0841	201432	0.98	1

S800S-K Characteristic K

 I_{cu} = 50 kA; with interchangeable cage terminal

2CC04130113F0001



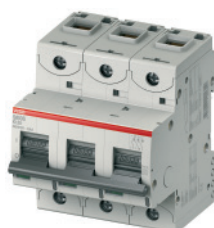
I_{cu} [kA]	Rated current		Order details			Weight [kg]	Pkg. unit
	[A]		Type code	Order code	GTIN EAN 7612271		
50	6		S801S-K6	2CCS861001R0067	408220	0.24	1
50	8		S801S-K8	2CCS861001R0407	411442	0.24	1
50	10		S801S-K10	2CCS861001R0427	201449	0.24	1
50	13		S801S-K13	2CCS861001R0447	201456	0.24	1
50	16		S801S-K16	2CCS861001R0467	201463	0.24	1
50	20		S801S-K20	2CCS861001R0487	201470	0.24	1
50	25		S801S-K25	2CCS861001R0517	201487	0.24	1
50	32		S801S-K32	2CCS861001R0537	201494	0.24	1
50	40		S801S-K40	2CCS861001R0557	201500	0.24	1
50	50		S801S-K50	2CCS861001R0577	201517	0.24	1
50	63		S801S-K63	2CCS861001R0597	201524	0.24	1
50	80		S801S-K80	2CCS861001R0627	201531	0.24	1
50	100		S801S-K100	2CCS861001R0637	201548	0.24	1
50	125		S801S-K125	2CCS861001R0647	201555	0.24	1



2CC04130114F0001



50	6		S802S-K6	2CCS862001R0067	408237	0.49	1
50	8		S802S-K8	2CCS862001R0407	411459	0.49	1
50	10		S802S-K10	2CCS862001R0427	201562	0.49	1
50	13		S802S-K13	2CCS862001R0447	201579	0.49	1
50	16		S802S-K16	2CCS862001R0467	201586	0.49	1
50	20		S802S-K20	2CCS862001R0487	201593	0.49	1
50	25		S802S-K25	2CCS862001R0517	201609	0.49	1
50	32		S802S-K32	2CCS862001R0537	201616	0.49	1
50	40		S802S-K40	2CCS862001R0557	201623	0.49	1
50	50		S802S-K50	2CCS862001R0577	201630	0.49	1
50	63		S802S-K63	2CCS862001R0597	201647	0.49	1
50	80		S802S-K80	2CCS862001R0627	201654	0.49	1
50	100		S802S-K100	2CCS862001R0637	201661	0.49	1
50	125		S802S-K125	2CCS862001R0647	201678	0.49	1



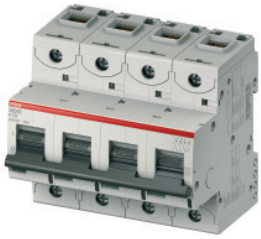
2CC04130115F0001



50	6		S803S-K6	2CCS863001R0067	408244	0.74	1
50	8		S803S-K8	2CCS863001R0407	411466	0.74	1
50	10		S803S-K10	2CCS863001R0427	201685	0.74	1
50	13		S803S-K13	2CCS863001R0447	201692	0.74	1
50	16		S803S-K16	2CCS863001R0467	201708	0.74	1
50	20		S803S-K20	2CCS863001R0487	201715	0.74	1
50	25		S803S-K25	2CCS863001R0517	201722	0.74	1
50	32		S803S-K32	2CCS863001R0537	201739	0.74	1
50	40		S803S-K40	2CCS863001R0557	201746	0.74	1
50	50		S803S-K50	2CCS863001R0577	201753	0.74	1
50	63		aS803S-K63	2CCS863001R0597	201760	0.74	1
50	80		S803S-K80	2CCS863001R0627	201777	0.74	1
50	100		S803S-K100	2CCS863001R0637	201784	0.74	1
50	125		S803S-K125	2CCS863001R0647	201791	0.74	1

S800S-K Characteristic K

$I_{cu} = 50 \text{ kA}$; with interchangeable cage terminal



2CCS04130718FR0001

I_{cu} [kA]	Rated current		Order details			Weight [kg]	Pkg. unit
	[A]		Type code	Order code	GTIN EAN 7612271		
50	6		S804S-K6	2CCS864001R0067	408251	0.98	1
50	8		S804S-K8	2CCS864001R0407	411473	0.98	1
50	10		S804S-K10	2CCS864001R0427	201807	0.98	1
50	13		S804S-K13	2CCS864001R0447	201814	0.98	1
50	16		S804S-K16	2CCS864001R0467	201821	0.98	1
50	20		S804S-K20	2CCS864001R0487	201838	0.98	1
50	25		S804S-K25	2CCS864001R0517	201845	0.98	1
50	32		S804S-K32	2CCS864001R0537	201852	0.98	1
50	40		S804S-K40	2CCS864001R0557	201869	0.98	1
50	50		S804S-K50	2CCS864001R0577	201876	0.98	1
50	63		S804S-K63	2CCS864001R0597	201883	0.98	1
50	80		S804S-K80	2CCS864001R0627	201890	0.98	1
50	100		S804S-K100	2CCS864001R0637	201906	0.98	1
50	125		S804S-K125	2CCS864001R0647	201913	0.98	1

Contact

Belgium

ABB ELECTRO n.v.
Hoge Wei, 27
1930 Zaventem, Belgium
Phone +32 (0) 27 18 63 11
Fax +32 (0) 27 18 66 66
abb.be

Brasil

ABB Ltda
Av. dos Autonomistas, 1496
06020-902-Osasco-SP, Brasil
Phone +55 (0) 80 00 14 91 11
Fax +55 (11) 36 88 99 77
abb.br

Czech Republic

ABB s.r.o.
Herspická 13
61900 Brno, Czech Republic
Phone +420 54 31 45 50 3
Fax +420 54 32 43 48 9
abb.cz/elsynn

Denmark

ABB AS
Meterbuen 33
2740 Skovlunde, Denmark
Phone +45 44 50 44 50
Fax +45 44 50 44 60
abb.dk

Finland

ABB OY
Domestic Sales
Hiomotie 13
P.O. Box 184
00381 Helsinki, Finland
Phone +358 10 22 20 00
Fax +358 10 22 22 91 3
abb.fi

France

ABB Entrelec
Division Commercial France
300 rue des Prés Seigneurs
ZA La Boisse – BP 90145
01124 Montluel Cedex, France
Phone +33 (0) 825 38 63 55
Fax +33 (0) 825 87 09 26
abb.fr

Great Britain

ABB Limited
Tower Court
Foleshill Enterprise Park
Courtaulds Way
Conventry
CV6 5NX, England
Phone +44 (0) 24 76 36 85 00
Fax +44 (0) 24 76 36 44 99
abb.co.uk

Ireland

Asea Brown Boveri Ltd.
Belgrad Road, Tallaght
Dublin 24, Ireland
Phone +35 31 40 57 30 0
Fax +35 31 40 57 33 2
abb.com/lowvoltage

Italy

ABB SACE S.p.A.
Line Protection Devices
Viale dell'Industria, 18
20010 Vittuone (MI), Italy
Phone +39 02 90 34 1
Fax: +39 02 90 34 76 09
abb.it

The Netherlands

ABB b.v.
Automation Products
George Hintzenweg 81
3068 AV Rotterdam
Postbus 301
3000 AH Rotterdam, The Netherlands
Phone +31 (0) 10 40 78 91 1
Fax +31 (0) 10 40 78 09 0
abb.nl

Norway

ABB AS
Jacob Borchsgt. 6
P.O. Box 797 Brakeroya
3002 Drammen, Norway
Phone +47 32 24 80 00
Fax +47 32 24 79 34
abb.no

Poland

ABB Sp. z o. o.
Automation Products
ul. Zeganska 1
04-713 Warszawa, Poland
Phone +48 22 51 64 441
Fax +48 22 51 64 444
abb.pl

P.R. China

ABB (China) Ltd
Universal Plaza, 10 Jiuxianqiao Lu
Chaoyang District
100016 Beijing, P.R. China
Phone +86 10 8456 6688
Fax +86 10 8456 9907
abb.com.cn

Russian Federation

ABB Industrial & Building Systems Ltd.
30/1, bld. 2 Obrucheva St.
117861 Moscow, Russia
Phone +7 495 960 2200
Fax +7 495 960 2220
abb.ru/ibs

Singapore

ABB Pte Ltd
2 Ayer Rajah Crescent
Singapore 139935
Phone +65 6776 5711
Fax +65 6778 0222
abb.com.sg

Spain

ABB Automation Products, S.A.
c/Torrent d'Olla, 220
08012 Barcelona, Spain
Phone +34 93 48 42 10 4
Fax +34 93 48 42 20 1
abb.es

Sweden

ABB Automation
Technologies Cewe Control
Motorgrad 20
72161 Västerås, Sweden
Phone +46 (0) 21 32 07 00
Fax +46 (0) 21 12 60 01
abb.se

Thailand

ABB LIMITED
161/1 SG Tower, 1st-4th Floor,
Soi Mahadlekluang 3,
Rajdamri Road, Lumpini, Pathumwan,
Bangkok 10330, Thailand
Phone +66 (0) 2665 1000
Fax +66 (0) 2665 1043
abb.com.th

Ukraine

ABB Ltd, Ukraine
Automation Products Low Voltage
4, Ivana Lepshe Blvd.
Kiev 67, 03680, Ukraine
Phone +380 44 495 22 11
Fax +380 44 495 22 10
abb.ua

USA

ABB, Inc.
8155 T and B Blvd.
Memphis, TN 38125
Phone: +1 901 252 5000
abb.us

ABB Switzerland Ltd.

Low Voltage Products
Fulachstrasse 150
CH-8201 Schaffhausen, Switzerland
Phone +41 (0) 58 586 41 11
Fax +41 (0) 58 586 42 22

abb.ch

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

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB AG. Copyright © 2017 ABB
All rights reserved