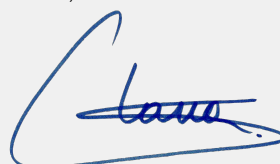


IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product	Circuit-breakers for overcurrent protection
Name and address of the applicant	ABB Switzerland Ltd, Low Voltage Products Fulachstrasse 150 8201 SCHAFFHAUSEN Switzerland
Name and address of the manufacturer	ABB Switzerland Ltd, Low Voltage Products Fulachstrasse 150 8201 SCHAFFHAUSEN Switzerland
Name and address of the factory	<input type="checkbox"/> Additional information on page 2 ABB Switzerland Ltd, Low Voltage Products Fulachstrasse 150 8201 SCHAFFHAUSEN Switzerland
<i>Note: When more than one factory, please report on page 2</i>	
Ratings and principal characteristics	See Appendix 1
Trademark (if any)	ABB
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	Series S800S
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional information on page 2 See Appendix
A sample of the product was tested and found to be in conformity with	IEC 60947-2:2016
As shown in the Test Report Ref. No. which forms part of this Certificate	62951701/00 up to 62951701/36

This CB Test Certificate is issued by the National Certification Body

SGS Belgium N.V. - Division SGS-CEBEC  
Business Riverside Park, Avenue Internationalelaan 55 Build. D, BE-1070 BRUSSEL,  
Belgium

Signature: Calogero Lana

Date: 2020-04-29

**Ratings:**

rated operational voltage (Ue)	:	240 V/415 V and 400 V/ 690 V
number of poles	:	1P, 2P, 3P & 4P
rated current (In)	:	0,5 A up to 125 A
range of instantaneous tripping overcurrent (curve)	:	B, C, D & K
nature of supply	:	AC
rated frequency	:	50 Hz / 60 Hz
rated short-circuit capacity (Icu)	:	50 kA (240 V / 415 V) 4.5 kA/ 6 kA (400 V / 690 V)
rated service short-circuit current (Ics)	:	40 kA (240 V / 415 V) 3 kA/ 4 kA (400 V / 690 V)
suitability for isolation	:	Yes
method of operation	:	independent manual operation
rated insulation voltage (Ui)	:	690 V
rated impulse withstand voltage (Uimp)	:	8 kV
distance metal screen to terminals	:	100 / 50 mm (Top) & 25 mm (Bottom)
distance metal screen to side circuit-breaker	:	0 mm
rated ambient temperature (ta)	:	30°C for B,C,D / 40 °C for K

**Further Data:**

Rated voltage 240 / 415 Vac

In = 0.5 A up to 125 A  
Ics = 40 kA  
Icu = 50 kA

Rated voltage 400 / 690 Vac

In = 0.5 A up to 80 A  
Ics = 4 kA  
Icu = 6 kA

In = 100 A up to 125 A  
Ics = 3 kA  
Icu = 4.5 kA

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**Products References:**

MCB Series S800S

**B Characteristic**

<b>1 pole</b>	<b>2 poles</b>	<b>3 poles</b>	<b>4 poles</b>	<b>Ie [A]</b>
S801S-B0.5	S802S-B0.5	S803S-B0.5	S804S-B0.5	0.5
S801S-B1	S802S-B1	S803S-B1	S804S-B1	1
S801S-B1.6	S802S-B1.6	S803S-B1.6	S804S-B1.6	1.6
S801S-B2	S802S-B2	S803S-B2	S804S-B2	2
S801S-B2.5	S802S-B2.5	S803S-B2.5	S804S-B2.5	2.5
S801S-B3	S802S-B3	S803S-B3	S804S-B3	3
S801S-B4	S802S-B4	S803S-B4	S804S-B4	4
S801S-B5	S802S-B5	S803S-B5	S804S-B5	5
S801S-B6	S802S-B6	S803S-B6	S804S-B6	6
S801S-B8	S802S-B8	S803S-B8	S804S-B8	8
S801S-B10	S802S-B10	S803S-B10	S804S-B10	10
S801S-B13	S802S-B13	S803S-B13	S804S-B13	13
S801S-B16	S802S-B16	S803S-B16	S804S-B16	16
S801S-B20	S802S-B20	S803S-B20	S804S-B20	20
S801S-B25	S802S-B25	S803S-B25	S804S-B25	25
S801S-B32	S802S-B32	S803S-B32	S804S-B32	32
S801S-B40	S802S-B40	S803S-B40	S804S-B40	40
S801S-B50	S802S-B50	S803S-B50	S804S-B50	50
S801S-B63	S802S-B63	S803S-B63	S804S-B63	63
S801S-B80	S802S-B80	S803S-B80	S804S-B80	80
S801S-B100	S802S-B100	S803S-B100	S804S-B100	100
S801S-B125	S802S-B125	S803S-B125	S804S-B125	125

C Characteristic

<b>1 pole</b>	<b>2 poles</b>	<b>3 poles</b>	<b>4 poles</b>	<b>Ie [A]</b>
S801S-C0.5	S802S-C0.5	S803S-C0.5	S804S-C0.5	0.5
S801S-C1	S802S-C1	S803S-C1	S804S-C1	1
S801S-C1.6	S802S-C1.6	S803S-C1.6	S804S-C1.6	1.6
S801S-C2	S802S-C2	S803S-C2	S804S-C2	2
S801S-C2.5	S802S-C2.5	S803S-C2.5	S804S-C2.5	2.5
S801S-C3	S802S-C3	S803S-C3	S804S-C3	3
S801S-C4	S802S-C4	S803S-C4	S804S-C4	4
S801S-C5	S802S-C5	S803S-C5	S804S-C5	5
S801S-C6	S802S-C6	S803S-C6	S804S-C6	6
S801S-C8	S802S-C8	S803S-C8	S804S-C8	8
S801S-C10	S802S-C10	S803S-C10	S804S-C10	10
S801S-C13	S802S-C13	S803S-C13	S804S-C13	13
S801S-C16	S802S-C16	S803S-C16	S804S-C16	16
S801S-C20	S802S-C20	S803S-C20	S804S-C20	20
S801S-C25	S802S-C25	S803S-C25	S804S-C25	25
S801S-C32	S802S-C32	S803S-C32	S804S-C32	32
S801S-C40	S802S-C40	S803S-C40	S804S-C40	40
S801S-C50	S802S-C50	S803S-C50	S804S-C50	50
S801S-C63	S802S-C63	S803S-C63	S804S-C63	63
S801S-C80	S802S-C80	S803S-C80	S804S-C80	80
S801S-C100	S802S-C100	S803S-C100	S804S-C100	100
S801S-C125	S802S-C125	S803S-C125	S804S-C125	125

D Characteristic

<b>1 pole</b>	<b>2 poles</b>	<b>3 poles</b>	<b>4 poles</b>	<b>Ie [A]</b>
S801S-D0.5	S802S-D0.5	S803S-D0.5	S804S-D0.5	0.5
S801S-D1	S802S-D1	S803S-D1	S804S-D1	1
S801S-D1.6	S802S-D1.6	S803S-D1.6	S804S-D1.6	1.6
S801S-D2	S802S-D2	S803S-D2	S804S-D2	2
S801S-D2.5	S802S-D2.5	S803S-D2.5	S804S-D2.5	2.5
S801S-D3	S802S-D3	S803S-D3	S804S-D3	3
S801S-D4	S802S-D4	S803S-D4	S804S-D4	4
S801S-D5	S802S-D5	S803S-D5	S804S-D5	5
S801S-D6	S802S-D6	S803S-D6	S804S-D6	6
S801S-D8	S802S-D8	S803S-D8	S804S-D8	8
S801S-D10	S802S-D10	S803S-D10	S804S-D10	10
S801S-D13	S802S-D13	S803S-D13	S804S-D13	13
S801S-D16	S802S-D16	S803S-D16	S804S-D16	16
S801S-D20	S802S-D20	S803S-D20	S804S-D20	20
S801S-D25	S802S-D25	S803S-D25	S804S-D25	25
S801S-D32	S802S-D32	S803S-D32	S804S-D32	32
S801S-D40	S802S-D40	S803S-D40	S804S-D40	40
S801S-D50	S802S-D50	S803S-D50	S804S-D50	50
S801S-D63	S802S-D63	S803S-D63	S804S-D63	63
S801S-D80	S802S-D80	S803S-D80	S804S-D80	80
S801S-D100	S802S-D100	S803S-D100	S804S-D100	100
S801S-D125	S802S-D125	S803S-D125	S804S-D125	125

K Characteristic

<b>1 pole</b>	<b>2 poles</b>	<b>3 poles</b>	<b>4 poles</b>	<b>Ie [A]</b>
S801S-K0.5	S802S-K0.5	S803S-K0.5	S804S-K0.5	0.5
S801S-K1	S802S-K1	S803S-K1	S804S-K1	1
S801S-K1.6	S802S-K1.6	S803S-K1.6	S804S-K1.6	1.6
S801S-K2	S802S-K2	S803S-K2	S804S-K2	2
S801S-K2.5	S802S-K2.5	S803S-K2.5	S804S-K2.5	2.5
S801S-K3	S802S-K3	S803S-K3	S804S-K3	3
S801S-K4	S802S-K4	S803S-K4	S804S-K4	4
S801S-K5	S802S-K5	S803S-K5	S804S-K5	5
S801S-K6	S802S-K6	S803S-K6	S804S-K6	6
S801S-K8	S802S-K8	S803S-K8	S804S-K8	8
S801S-K10	S802S-K10	S803S-K10	S804S-K10	10
S801S-K13	S802S-K13	S803S-K13	S804S-K13	13
S801S-K16	S802S-K16	S803S-K16	S804S-K16	16
S801S-K20	S802S-K20	S803S-K20	S804S-K20	20
S801S-K25	S802S-K25	S803S-K25	S804S-K25	25
S801S-K32	S802S-K32	S803S-K32	S804S-K32	32
S801S-K40	S802S-K40	S803S-K40	S804S-K40	40
S801S-K50	S802S-K50	S803S-K50	S804S-K50	50
S801S-K63	S802S-K63	S803S-K63	S804S-K63	63
S801S-K80	S802S-K80	S803S-K80	S804S-K80	80
S801S-K100	S802S-K100	S803S-K100	S804S-K100	100
S801S-K125	S802S-K125	S803S-K125	S804S-K125	125