

# LICENCE

No. 22788

Issued to:  
Applicant:  
**ABB Switzerland Ltd, Low Voltage Products**  
**Fulachstrasse 150**  
**8201 SCHAFFHAUSEN**  
**Switzerland**

Licensee:  
**ABB Switzerland Ltd, Low Voltage Products**  
**Fulachstrasse 150**  
**8201 SCHAFFHAUSEN**  
**Switzerland**



Product : circuit-breakers for overcurrent protection  
Trade name(s) : ABB  
Type(s)/model(s) : SERIES S800P

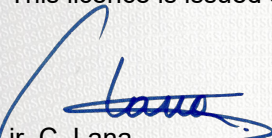
The product and any acceptable variation thereto is specified in the annex to this licence and the documents therein referred to.

SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

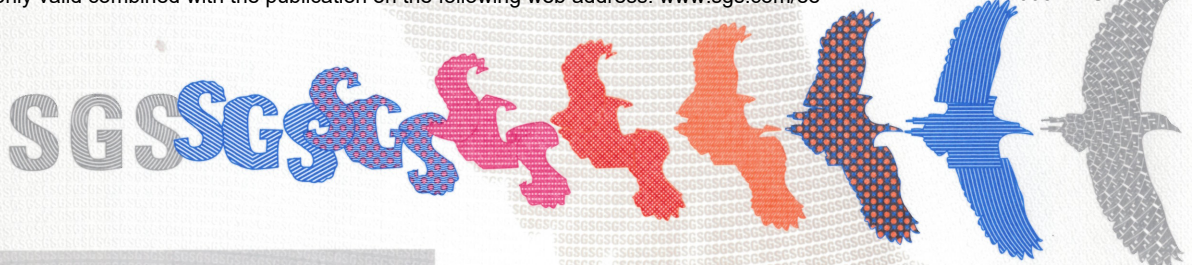
- a type test according to the standard specified in annex
- an inspection of the production location
- a certification agreement with the number 1520

SGS CEBEC hereby grants the right to use the CEBEC certification mark  
The CEBEC certification mark may be applied to the product as specified in this licence for the duration of the CEBEC certification agreement and under the conditions of the CEBEC certification agreement.

This licence is issued on : 28/04/2023

  
ir. C. Lana,  
Certification Manager

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This certificate is only valid combined with the publication on the following web address: [www.sgs.com/ee](http://www.sgs.com/ee)



## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

Product	:	circuit-breakers for overcurrent protection
Trade name(s)	:	ABB
Type(s)/Model(s)	:	SERIES S800P
rated operational voltage (Ue)	:	240 V/415 V
number of poles	:	1P, 2P, 3P & 4P
rated current (In)	:	63 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)
rated service short-circuit current (Ics)	:	40 kA (240 V / 415 V)
suitability for isolation	:	Yes
method of operation	:	independent manual operation
rated insulation voltage (Ui)	:	690 V
rated impulse withstand voltage (Uimp)	:	6 kV
distance metal screen to terminals	:	100 (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

### Additional information

See Appendix

## TESTS

### Test requirements

NBN EN 60947-2 based on EN 60947-2:2017 + A1:2020  
Annex Q of IEC 60947-1:2020 and Appendix K GB/T 14048.1-2012

**Test results**

The test results are laid down in test report(s) ref. 63309001/00 up to 63309001/28

**Conclusion**

The examination proved that all certification requirements were met.

Reviewed by, project leader : Silvio Piras - 28/04/2023

Certification Manager :



2023-04-28

**FACTORY LOCATION(S)**

ABB Switzerland Ltd, Low Voltage Products  
Fulachstrasse 150  
8201 SCHAFFHAUSEN  
Switzerland

**Products References:**

MCB Series S800P

**B Characteristic**

<b>1 pole</b>	<b>2 poles</b>	<b>3 poles</b>	<b>4 poles</b>	<b>Ie [A]</b>
S801P-B63	S802P-B63	S803P-B63	S804P-B63	<b>63</b>
S801P-B80	S802P-B80	S803P-B80	S804P-B80	<b>80</b>
S801P-B100	S802P-B100	S803P-B100	S804P-B100	<b>100</b>
S801P-B125	S802P-B125	S803P-B125	S804P-B125	<b>125</b>

**C Characteristic**

<b>1 pole</b>	<b>2 poles</b>	<b>3 poles</b>	<b>4 poles</b>	<b>Ie [A]</b>
S801P-C63	S802P-C63	S803P-C63	S804P-C63	<b>63</b>
S801P-C80	S802P-C80	S803P-C80	S804P-C80	<b>80</b>
S801P-C100	S802P-C100	S803P-C100	S804P-C100	<b>100</b>
S801P-C125	S802P-C125	S803P-C125	S804P-C125	<b>125</b>

**D Characteristic**

<b>1 pole</b>	<b>2 poles</b>	<b>3 poles</b>	<b>4 poles</b>	<b>Ie [A]</b>
S801P-D63	S802P-D63	S803P-D63	S804P-D63	<b>63</b>
S801P-D80	S802P-D80	S803P-D80	S804P-D80	<b>80</b>
S801P-D100	S802P-D100	S803P-D100	S804P-D100	<b>100</b>
S801P-D125	S802P-D125	S803P-D125	S804P-D125	<b>125</b>

**K Characteristic**

<b>1 pole</b>	<b>2 poles</b>	<b>3 poles</b>	<b>4 poles</b>	<b>Ie [A]</b>
S801P-K63	S802P-K63	S803P-K63	S804P-K63	<b>63</b>
S801P-K80	S802P-K80	S803P-K80	S804P-K80	<b>80</b>
S801P-K100	S802P-K100	S803P-K100	S804P-K100	<b>100</b>
S801P-K125	S802P-K125	S803P-K125	S804P-K125	<b>125</b>

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