LICENCE

No. 19982 replaces No.16762

Issued to:
Applicant:
ABB Stotz-Kontakt GmbH
Eppelheimer Strasse 82
PO Box 101680
69123 HEIDELBERG
Germany

Licensee:
ABB Stotz-Kontakt GmbH
Eppelheimer Strasse 82
PO Box 101680
69123 HEIDELBERG
Germany

Product	:	circuit-breakers for overcurrent protection
Trade name(s)	:	ABB
Type(s)/model(s)	:	SH 20.T, SH20., SH20.L

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 23

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: 17/06/2016

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

005-PROD

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B-1070 Brussels
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This certificate is issued by the company under its General Conditions for Certification Services accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability defined therein and in the Test Report herein mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	circuit-breakers for overcurrent protection
Trade name(s)	:	ABB
Type(s)/Model(s)	:	SH 20.T, SH20., SH20.L
number of poles	:	1P, 1P+N, 2P, 3P, 3P+N, 4P
rated voltage (Un)	:	230/400V (1P), 230V (1P+N), 400V (2P, 3P, 3P+N, 4P)
rated current (In)	:	B 6 A - 63 A; C 0,5 A - 63 A D 0.5 A - 63 A
nature of supply	:	AC
rated frequency	:	50 Hz
range of instantaneous tripping overcurrent (curve)	:	B, C and D
rated short-circuit current (Icn)	:	3000, 4500 & 6000 A
rated conditional short-circuit current (Ics)	:	3000, 4500 & 6000 A
safety distance 'a'	:	35 mm
method of mounting	:	panel board - on rail
energy limiting class	:	3 (B and C Types)
terminals	:	pillar terminal

TESTS

Test requirements

NBN EN 60898-1 based on EN 60898-1:2003 + corrigendum 2004-02 + corrigendum 2004 + A1:2004 + A11:2005 + A12:2008 + A13:2012

Test results

The test results are laid down in certification file ref.623776/01

Remarks

This certificate is based on certificate ref. CCA/DE1 34486 and test reports ref. 201483/CC2-200 to 201483-CC2-324

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Conclusion

The examination proved that all test requirements were met.

Checked by, project leader : Luigi Zanutto - 17/06/2016

Department Manager, Product Certification :

Certification Manager : 2016-06-17

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FACTORY LOCATION(S)

ABB Stotz-Kontakt GmbH
Eppelheimer Strasse 82
PO Box 101680
69123 HEIDELBERG
Germany

List of the types

Circuit Breakers series SH200 (6 kA)

		Circuit breakers series SH200					
No. of poles		1	2	3	4	1+N	3+N
Characteristic and Rated current		SH201	SH202	SH203	SH204	SH201-NA	SH203-NA
B	6	SH201 B6	SH202 B6	SH203 B6	SH204 B6	SH201-NA B6	SH203-NA B6
	8	SH201 B8	SH202 B8	SH203 B8	SH204 B8	SH201-NA B8	SH203-NA B8
	10	SH201 B10	SH202 B10	SH203 B10	SH204 B10	SH201-NA B10	SH203-NA B10
	13	SH201 B13	SH202 B13	SH203 B13	SH204 B13	SH201-NA B13	SH203-NA B13
	16	SH201 B16	SH202 B16	SH203 B16	SH204 B16	SH201-NA B16	SH203-NA B16
	20	SH201 B20	SH202 B20	SH203 B20	SH204 B20	SH201-NA B20	SH203-NA B20
	25	SH201 B25	SH202 B25	SH203 B25	SH204 B25	SH201-NA B25	SH203-NA B25
	32	SH201 B32	SH202 B32	SH203 B32	SH204 B32	SH201-NA B32	SH203-NA B32
	40	SH201 B40	SH202 B40	SH203 B40	SH204 B40	SH201-NA B40	SH203-NA B40
	50	SH201 B50	SH202 B50	SH203 B50	SH204 B50	SH201-NA B50	SH203-NA B50
	63	SH201 B63	SH202 B63	SH203 B63	SH204 B63	SH201-NA B63	SH203-NA B63
C	0,5	SH201 C0.5	SH202 C0.5	SH203 C0.5	SH204 C0,5	SH201-NA C0,5	SH203-NA C0.5
	1	SH201 C1	SH202 C1	SH203 C1	SH204 C1	SH201-NA C1	SH203-NA C1
	1,6	SH201 C1,6	SH202 C1.6	SH203 C1,6	SH204 C1,6	SH201-NA C1,6	SH203-NA C1,6
	2	SH201 C2	SH202 C2	SH203 C2	SH204 C2	SH201-NA C2	SH203-NA C2
	3	SH201 C3	SH202 C3	SH203 C3	SH204 C3	SH201-NA C3	SH203-NA C3
	4	SH201 C4	SH202 C4	SH203 C4	SH204 C4	SH201-NA C4	SH203-NA C4
	6	SH201 C6	SH202 C6	SH203 C6	SH204 C6	SH201-NA C6	SH203-NA C6
	8	SH201 C8	SH202 C8	SH203 C8	SH204 C8	SH201-NA C8	SH203-NA C8
	10	SH201 C10	SH202 C10	SH203 C10	SH204 C10	SH201-NAC10	SH203-NAC10
	13	SH201 C13	SH202 C13	SH203 C13	SH204 C13	SH201-NA C13	SH203-NA C13
	16	SH201 C16	SH202 C16	SH203 C16	SH204 C16	SH201-NA C16	SH203-NA C16
	20	SH201 C20	SH202 C20	SH203 C20	SH204 C20	SH201-NA C20	SH203-NA C20
	25	SH201 C25	SH202 C25	SH203 C25	SH204 C25	SH201-NA C25	SH203-NA C25
	32	SH201 C32	SH202 C32	SH203 C32	SH204 C32	SH201-NA C32	SH203-NA C32
	40	SH201 C40	SH202 C40	SH203 C40	SH204 C40	SH201-NA C40	SH203-NA C40
	50	SH201 C50	SH202 C50	SH203 C50	SH204 C50	SH201-NA C50	SH203-NA C50
	63	SH201 C63	SH202 C63	SH203 C63	SH204 C63	SH201-NA C63	SH203-NA C63

No. of poles		Circuit breakers series SH200					
		1	2	3	4	1+N	3+N
Characteristic and Rated current		SH201	SH202	SH203	SH204	SH201-NA	SH203-NA
D	0,5	SH201D0.5	SH202 D0.5	SH203 D0.5	SH204 D0.5	SH201-NA D0.5	SH203-NA D0.5
	1	SH201 D1	SH202 D1	SH203 D1	SH204 D1	SH201-NA D1	SH203-NA D1
	1,6	SH201 D1.6	SH202 D1.6	SH203 D1.6	SH204 D1.6	SH201-NA D1.6	SH203-NA D1.6
	2	SH201 D2	SH202D2	SH203 D2	SH204 D2	SH201-NA D2	SH203-NA D2
	3	SH201 D3	SH202 D3	SH203 D3	SH204 D3	SH201-NA D3	SH203-NA D3
	4	SH201 D4	SH202 D4	SH203 D4	SH204 D4	SH201-NA D4	SH203-NA D4
	6	SH201 D6	SH202 D6	SH203 D6	SH204 D6	SH201-NA D6	SH203-NA D6
	8	SH201 D8	SH202 D8	SH203 D8	SH204 D8	SH201-NA D8	SH203-NA D8
	10	SH201 D10	SH202 D10	SH203 D10	SH204 D10	SH201-NA D10	SH203-NA D10
	13	SH201 D13	SH202 D13	SH203 D13	SH204 D13	SH201-NA D13	SH203-NA D13
	16	SH201 D16	SH202 D16	SH203 D16	SH204 D16	SH201-NA D16	SH203-NA D16
	20	SH201 D20	SH202 D20	SH203 D20	SH204 D20	SH201-NA D20	SH203-NA D20
	25	SH201 D25	SH202 D25	SH203 D25	SH204 D25	SH201-NA D25	SH203-NA D25
	32	SH201 D32	SH202 D32	SH203 D32	SH204 D32	SH201-NA D32	SH203-NA D32
	40	SH201 D40	SH202 D40	SH203 D40	SH204 D40	SH201-NA D40	SH203-NA D40
	50	SH201 D50	SH202 D50	SH203 D50	SH204 D50	SH201-NA D50	SH203-NA D50
	63	SH201 D63	SH202 D63	SH203 D63	SH204 D63	SH201-NA D63	SH203-NA D63

Circuit Breakers series SH200L (4,5 kA)

		Circuit breakers series SH200L					
No. of poles		1	2	3	4	1+N	3+N
Characteristic and Rated current		SH201L	SH202L	SH203L	SH204L	SH01L-NA	SH203L-NA
B	6	SH201L B6	SH202L B6	SH203L B6	SH204L B6	SH201L-NA B6	SH203L-NA B6
	8	SH201L B8	SH202L B8	SH203L B8	SH204L B8	SH201L-NA B8	SH203L-NA B8
	10	SH201L B10	SH202L B10	SH203L B10	SH204L B10	SH201L-NA B10	SH203L-NA B10
	13	SH201L B13	SH202L B13	SH203L B13	SH204L B13	SH201L-NA B13	SH203L-NA B13
	16	SH201L B16	SH202L B16	SH203L B16	SH204L B16	SH201L-NA B16	SH203L-NA B16
	20	SH201L B20	SH202L B20	SH203L B20	SH204L B20	SH201L-NA B20	SH203L-NA B20
	25	SH201L B25	SH202L B25	SH203L B25	SH204L B25	SH201L-NA B25	SH203L-NA B25
	32	SH201L B32	SH202L B32	SH203L B32	SH204L B32	SH201L-NA B32	SH203L-NA B32
	40	SH201L B40	SH202L B40	SH203L B40	SH204L B40	SH201L-NA B40	SH203L-NA B40
	50	SH201L B50	SH202L B50	SH203L B50	SH204L B50	SH201L-NA B50	SH203L-NA B50
	63	SH201L B63	SH202L B63	SH203L B63	SH204L B63	SH201L-NA B63	SH203L-NA B63
C	0,5	SH201L C0.5	SH202L C0.5	SH203L C0.5	SH204L C0.5	SH201L-NA C0.5	SH203L-NA C0.5
	1	SH201L C1	SH202L C1	SH203L C1	SH204L C1	SH201L-NA C1	SH203L-NA C1
	1,6	SH201L C1.6	SH202L C1.6	SH203L C1.6	SH204L C1.6	SH201L-NA C1.6	SH203L-NA C1.6
	2	SH201L C2	SH202L C2	SH203L C2	SH204L C2	SH201L-NA C2	SH203L-NA C2
	3	SH201L C3	SH202L C3	SH203L C3	SH204L C3	SH201L-NA C3	SH203L-NA C3
	4	SH201L C4	SH202L C4	SH203L C4	SH204L C4	SH201L-NA C4	SH203L-NA C4
	6	SH201L C6	SH202L C6	SH203L C6	SH204L C6	SH201L-NA C6	SH203L-NA C6
	8	SH201L C8	SH202L C8	SH203L C8	SH204L C8	SH201L-NA C8	SH203L-NA C8
	10	SH201L C10	SH202L C10	SH203L C10	SH204L C10	SH201L-NAC10	SH203L-NAC10
	13	SH201L C13	SH202L C13	SH203L C13	SH204L C13	SH201L-NA C13	SH203L-NA C13
	16	SH201L C16	SH202L C16	SH203L C16	SH204L C16	SH201L-NA C16	SH203L-NA C16
	20	SH201L C20	SH202L C20	SH203L C20	SH204L C20	SH201L-NA C20	SH203L-NA C20
	25	SH201L C25	SH202L C25	SH203L C25	SH204L C25	SH201L-NA C25	SH203L-NA C25
	32	SH201L C32	SH202L C32	SH203L C32	SH204L C32	SH201L-NA C32	SH203L-NA C32
	40	SH201L C40	SH202L C40	SH203L C40	SH204L C40	SH201L-NA C40	SH203L-NA C40
	50	SH201L C50	SH202L C50	SH203L C50	SH204L C50	SH201L-NA C50	SH203L-NA C50
	63	SH201L C63	SH202L C63	SH203L C63	SH204L C63	SH201L-NA C63	SH203L-NA C63

Circuit Breakers series SH200L (4,5 kA)

		Circuit breakers series SH200L					
No. of poles		1	2	3	4	1+N	3+N
Characteristic and Rated current		SH201L	SH202L	SH203L	SH204L	SH201L-NA	SH203L-NA
D	0.5	SH201LD0.5	SH202L D0.5	SH203L D0.5	SH204L D0.5	SH201L-NA D0.5	SH203L-NA D0.5
	1	SH201L D1	SH202L D1	SH203L D1	SH204L D1	SH201L-NA D1	SH203L-NA D1
	1.6	SH201L D1.6	SH202L D1.6	SH203L D1.6	SH204L D1.6	SH201L-NA D1.6	SH203L-NA D1.6
	2	SH201L D2	SH202LD2	SH203L D2	SH204L D2	SH201L-NA D2	SH203L-NA D2
	3	SH201L D3	SH202L D3	SH203L D3	SH204L D3	SH201L-NA D3	SH203L-NA D3
	4	SH201L D4	SH202L D4	SH203L D4	SH204L D4	SH201L-NA D4	SH203L-NA D4
	6	SH201L D6	SH202L D6	SH203L D6	SH204L D6	SH201L-NA D6	SH203L-NA D6
	8	SH201L D8	SH202L D8	SH203L D8	SH204L D8	SH201L-NA D8	SH203L-NA D8
	10	SH201L D10	SH202L D10	SH203L D10	SH204L D10	SH201L-NA D10	SH203L-NA D10
	13	SH201L D13	SH202L D13	SH203L D13	SH204L D13	SH201L-NA D13	SH203L-NA D13
	16	SH201L D16	SH202L D16	SH203L D16	SH204L D16	SH201L-NA D16	SH203L-NA D16
	20	SH201L D20	SH202L D20	SH203L D20	SH204L D20	SH201L-NA D20	SH203L-NA D20
	25	SH201L D25	SH202L D25	SH203L D25	SH204L D25	SH201L-NA D25	SH203L-NA D25
	32	SH201L D32	SH202L D32	SH203L D32	SH204L D32	SH201L-NA D32	SH203L-NA D32
	40	SH201L D40	SH202L D40	SH203L D40	SH204L D40	SH201L-NA D40	SH203L-NA D40
	50	SH201L D50	SH202L D50	SH203L D50	SH204L D50	SH201L-NA D50	SH203L-NA D50
	63	SH201L D63	SH202L D63	SH203L D63	SH204L D63	SH201L-NA D63	SH203L-NA D63

Circuit Breakers series SH200T (3 kA)

		Circuit breakers series SH200T					
No. of poles		1	2	3	4	1+N	3+N
Characteristic and Rated current		SH201T	SH202T	SH203T	SH204T	SH01T-NA	SH203T-NA
B	6	SH201T B6	SH202T B6	SH203T B6	SH204T B6	SH201T-NA B6	SH203T-NA B6
	8	SH201T B8	SH202T B8	SH203T B8	SH204T B8	SH201T-NA B8	SH203T-NA B8
	10	SH201T B10	SH202T B10	SH203T B10	SH204T B10	SH201T-NA B10	SH203T-NA B10
	13	SH201T B13	SH202T B13	SH203T B13	SH204T B13	SH201T-NA B13	SH203T-NA B13
	16	SH201T B16	SH202T B16	SH203T B16	SH204T B16	SH201T-NA B16	SH203T-NA B16
	20	SH201T B20	SH202T B20	SH203T B20	SH204T B20	SH201T-NA B20	SH203T-NA B20
	25	SH201T B25	SH202T B25	SH203T B25	SH204T B25	SH201T-NA B25	SH203T-NA B25
	32	SH201T B32	SH202T B32	SH203T B32	SH204T B32	SH201T-NA B32	SH203T-NA B32
	40	SH201T B40	SH202T B40	SH203T B40	SH204T B40	SH201T-NA B40	SH203T-NA B40
	50	SH201T B50	SH202T B50	SH203T B50	SH204T B50	SH201T-NA B50	SH203T-NA B50
	63	SH201T B63	SH202T B63	SH203T B63	SH204T B63	SH201T-NA B63	SH203T-NA B63
C	0.5	SH201T C0.5	SH202T C0.5	SH203T C0.5	SH204T C0.5	SH201T-NA C0.5	SH203T-NA C0.5
	1	SH201T C1	SH202T C1	SH203T C1	SH204T C1	SH201T-NA C1	SH203T-NA C1
	1.6	SH201T C1.6	SH202T C1.6	SH203T C1.6	SH204T C1.6	SH201T-NA C1.6	SH203T-NA C1.6
	2	SH201T C2	SH202T C2	SH203T C2	SH204T C2	SH201T-NA C2	SH203T-NA C2
	3	SH201T C3	SH202T C3	SH203T C3	SH204T C3	SH201T-NA C3	SH203T-NA C3
	4	SH201T C4	SH202T C4	SH203T C4	SH204T C4	SH201T-NA C4	SH203T-NA C4
	6	SH201T C6	SH202T C6	SH203T C6	SH204T C6	SH201T-NA C6	SH203T-NA C6
	8	SH201T C8	SH202T C8	SH203T C8	SH204T C8	SH201T-NA C8	SH203T-NA C8
	10	SH201T C10	SH202T C10	SH203T C10	SH204T C10	SH201T-NAC10	SH203T-NAC10
	13	SH201T C13	SH202T C13	SH203T C13	SH204T C13	SH201T-NA C13	SH203T-NA C13
	16	SH201T C16	SH202T C16	SH203T C16	SH204T C16	SH201T-NA C16	SH203T-NA C16
	20	SH201T C20	SH202T C20	SH203T C20	SH204T C20	SH201T-NA C20	SH203T-NA C20
	25	SH201T C25	SH202T C25	SH203T C25	SH204T C25	SH201T-NA C25	SH203T-NA C25
	32	SH201T C32	SH202T C32	SH203T C32	SH204T C32	SH201T-NA C32	SH203T-NA C32
	40	SH201T C40	SH202T C40	SH203T C40	SH204T C40	SH201T-NA C40	SH203T-NA C40
	50	SH201T C50	SH202T C50	SH203T C50	SH204T C50	SH201T-NA C50	SH203T-NA C50
	63	SH201T C63	SH202T C63	SH203T C63	SH204T C63	SH201T-NA C63	SH203T-NA C63

No. of poles		Circuit breakers series SH20.T					
		1	2	3	4	1+N	3+N
Characteristic and Rated current		SH201T	SH202T	SH203T	SH204T	SH201T-NA	SH203T-NA
D	0.5	SH201TD0.5	SH202T D0.5	SH203T D0.5	SH204T D0.5	SH201T-NA D0.5	SH203T-NA D0.5
	1	SH201T D1	SH202T D1	SH203T D1	SH204T D1	SH201T-NA D1	SH203T-NA D1
	1,6	SH201T D1.6	SH202T D1,6	SH203T D1.6	SH204T D1.6	SH201T-NA D1.6	SH203T-NA D1.6
	2	SH201T D2	SH202TD2	SH203T D2	SH204T D2	SH201T-NA D2	SH203T-NA D2
	3	SH201T D3	SH202T D3	SH203T D3	SH204T D3	SH201T-NA D3	SH203T-NA D3
	4	SH201T D4	SH202T D4	SH203T D4	SH204T D4	SH201T-NA D4	SH203T-NA D4
	6	SH201T D6	SH202T D6	SH203T D6	SH204T D6	SH201T-NA D6	SH203T-NA D6
	8	SH201T D8	SH202T D8	SH203T D8	SH204T D8	SH201T-NA D8	SH203T-NA D8
	10	SH201T D10	SH202T D10	SH203T D10	SH204T D10	SH201T-NA D10	SH203T-NA D10
	13	SH201T D13	SH202T D13	SH203T D13	SH204T D13	SH201T-NA D13	SH203T-NA D13
	16	SH201T D16	SH202T D16	SH203T D16	SH204T D16	SH201T-NA D16	SH203T-NA D16
	20	SH201T D20	SH202T D20	SH203T D20	SH204T D20	SH201T-NA D20	SH203T-NA D20
	25	SH201T D25	SH202T D25	SH203T D25	SH204T D25	SH201T-NA D25	SH203T-NA D25
	32	SH201T D32	SH202T D32	SH203T D32	SH204T D32	SH201T-NA D32	SH203T-NA D32
	40	SH201T D40	SH202T D40	SH203T D40	SH204T D40	SH201T-NA D40	SH203T-NA D40
	50	SH201T D50	SH202T D50	SH203T D50	SH204T D50	SH201T-NA D50	SH203T-NA D50
	63	SH201T D63	SH202T D63	SH203T D63	SH204T D63	SH201T-NA D63	SH203T-NA D63