CERTIFICATE

Issued to:
Applicant:
ABB Stotz-Kontakt GmbH
Eppelheimer Strasse 82
69123 Heidelberg
Germany

Manufacturer/Licensee:
ABB Stotz-Kontakt GmbH
Eppelheimer Strasse 82
69123 Heidelberg
Germany

Product(s) : circuit-breaker for overcurrent protection
Trade name(s) : ABB
Type(s)/model(s) : S20.P

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

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to the standard EN 60898-1:2003;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900400

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 30 May 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2192084.06

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

H.R.M. Barends
Certification Manager

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ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	:	circuit-breaker for overcurrent protection
trade name(s)	:	ABB
type(s)	:	S20.P
rated current (In)	:	B-type: 6 A, 10 - 63 A C-type: 0,5 - 63 A D-type: 0,5 - 25 A
rated operational voltage (Ue)	:	230/400 Vac (1P) 230 Vac (1P+N) 400 Vac (2P, 3P, 3P+N, 4P)
number of poles	:	1P, 1P+N, 2P, 3P, 3P+N, 4P
protected poles	:	phase poles protected, neutral unprotected
instantaneous tripping current	:	B, C and D
rated frequency	:	50/60 Hz
rated short-circuit capacity (Icn)	:	25 kA (all types, 0,5 - 25 A) 15 kA (all types, 32 - 63 A)
rated service short-circuit capacity (Ics)	:	75% Icn (Icn = 10 kA) 50% Icn (Icn ≧ 10 kA)
rated making and breaking capacity of individual pole (Icn1)	:	25 kA (all types, 0,5 - 25 A) 15 kA (all types, 32 - 63 A) 10 kA (B-type and C-type, 0,5 - 63 A)
energy limiting class	:	3 (B-type and C-type, for Icn 10 kA only)
ambient air temperature	:	30 °C
method of mounting	:	flush type, for mounting on top hat rail 35 mm
type of terminals	:	screw type
safety distance 'a' grid	:	75 mm (In ≦ 25 A) 90 mm (In ≧ 32 A)

Additional information

Type Reference: S20aPbcd

a number of phase poles
- 1 = 1P
- 2 = 2P
- 3 = 3P
- 4 = 4P

b neutral pole
- blank = without neutral pole
- -NA = with neutral pole

c instantaneous tripping current
- B = type B
- C = type C
- D = type D

d rated current (In)
- 0,5 = 0,5 A
- 1 = 1 A
- 1,6 = 1,6 A
- 2 = 2 A
- 3 = 3 A
- 4 = 4 A
- 6 = 6 A
- 8 = 8 A
- 10 = 10 A
- 13 = 13 A
- 16 = 16 A
- 20 = 20 A
- 25 = 25 A
- 32 = 32 A
- 40 = 40 A
- 50 = 50 A
- 63 = 63 A

TESTS

Test requirements
EN 60898-1:2003 +A1:2004 +A11:2005 +A12:2008 +A13:2012

Test results
The test results are laid down in DEKRA test file 2192084.06 and are based on CCA No. CCA/DE1 34491 with Test Report No(s). 210165-CC2-000 upto -081.

Remarks
This certificate replaces KEMA-KEUR certificates No. 2076546.01 dated 2005-11-03.

Conclusion
The examination proved that all test requirements were met.

Tested by : VDE

Checked by : F. Fu

Factory locations
ABB Stotz-Kontakt GmbH
Eppelheimer Strasse 82, 69123, Heidelberg
Germany