

# 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) : switch-disconnector  
Trade name(s) : ABB  
Type(s)/model(s) : SD200

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 60947-3:2009;
- 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.

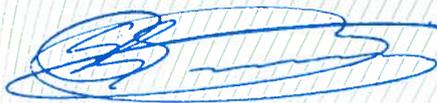
This certificate is issued on: 9 October 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2187256.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



H.L. Schendstok  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

product	:	switch-disconnector
trade name(s)	:	ABB
type(s)	:	SD201, SD201-NA, SD202, SD203, SD203-NA, SD204
number of poles	:	1-pole (SD201), 1-pole+N (SD201-NA), 2-pole (SD202), 3-pole (SD203), 3-pole+N (SD203-NA), 4-pole (SD204)
rated insulation voltage	:	440 Vac
rated operational current	:	16 A, 25 A, 32 A, 40 A, 50 A, 63 A
conditional free-air thermal current	:	16 A, 25 A, 32 A, 40 A, 50 A, 63 A
ratings/utilization category (Ue-Ie)	:	<u>AC-23A</u> 253 Vac      16 A-63 A      1-pole, 1-pole+N 440 Vac      16 A-63 A      2, 3, 3+N, 4-pole <u>DC-21A</u> 60 Vdc      16 A-63 A      1-pole 125 Vdc      16 A-63 A      2-pole
rated frequency	:	50/60 Hz ; d.c
rated conditional short-circuit current	:	25 kA when protected with fuse-links limiting the current and the Joule integral to a maximum of: see further data.
applied fuse-links during the short-circuit tests	:	see further data
switching positions	:	2 (on and off)
operational performance without current	:	category A
with current	:	8500 operating cycles
connection	:	1500 operating cycles
	:	2,5 mm <sup>2</sup> to 16 mm <sup>2</sup>

**Additional information**

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type nomenclature breakdown:

for example: SD20ab

SD20. = basic type reference

a = number of poles

1 = 1-pole

1-NA = 1-pole+N

2 = 2-pole

3 = 3-pole

3-NA = 3-pole+N

4 = 4-pole

b = rated current

16 A; 25 A; 32 A; 40 A; 50 A; 63 A

Short-circuit capacity: 25 kA

type	Un [V]	maximum let-through current [kA]	maximum let-through energy [kA <sup>2</sup> s]	Used fuse-link during the tests
SD201	253 Vac	6,2	13,8	NH01 63 A -500 Vac gG, Ik 120 kA, made by ETI
SD201	60 Vdc	2,77	13,0	D02 63 A - 500 Vac gG, Ik 50 kA, made by Siemens
SD202	440 Vac	6,16	14,0	D02 63 A - 500 V gG, Ik 50 kA, made by Hager SAS
SD204	440 Vac	6,36	17,0	NH00 63 A - 500 V gG, Ik 120 kA, made by Bussmann
SD202	125 Vac	3,07	14,0	D02 63 A - 500 V gG, Ik 50 kA, made by Siemens

Markings: trade name, type designation and electrical ratings are shown on the body.

**TESTS****Test requirements**

EN 60947-1:2007 + A1:2011

EN 60947-3:2009 + A1:2012

**Test result**

The test results are laid down in DEKRA test file 2187256.01 and are also based on CCA/DE1 34500 with TRF No. 208129-CC2-1

**Remarks**

This certificate replaces certificate no. 2166274.01 issued 20 January 2014.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : VDE

Checked by : F.S Strikwerda

A handwritten signature in blue ink, appearing to be 'F.S Strikwerda', written over a horizontal line.**Factory locations**

ABB Bulgaria EOOD, Rakovski Branch  
Industrial Zone Rakovski Munic, 4150, Rakovski  
Bulgaria