Schweizerische Eidgenossenschaft
Confédération suisse
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Swiss Confederation

Eidgenössisches Starkstrominspektorat ESTI
Marktüberwachung/Sicherheitszeichen

ABB Stotz-Kontakt GmbH
Eppelheimerstrasse 82
69123 Heidelberg
DEUTSCHLAND

Kundennr.	Ihr Zeichen	Unser Zeichen	Datum
105151	Heiko Stolz	Christoph Meile	14.06.2021

Bewilligung

Nummer: **21.0458**
gültig bis: **28.05.2024**

Kennzeichnung: AD510

Aufgrund der Unterlagen im Dossier Nr. **21-BS-0213** erteilt das Eidgenössische Starkstrominspektorat der oben genannten Firma das Recht, nachstehende(s) Erzeugnis(se) mit dem Sicherheitszeichen gekennzeichnet, gemäss NEV, in Verkehr zu bringen.

Erzeugnis: **Leitungsschutzschalter**

Handelsmarken: **ABB**

Typenbezeichnung	Nenndaten
S 20.	In: 0.5...63 A Un: 230/400V~, 50/60 Hz Icn: 6kA Anzahl Pole: 1; 2; 3; 4; 1+N; 3+N Auslösecharakteristik: B; C; D
S 20.M	In: 0.5...63 A Un: 230/400V~, 50/60 Hz Icn: 10kA Anzahl Pole: 1; 2; 3; 4; 1+N; 3+N Auslösecharakteristik: B; C; D

Eidgenössisches Starkstrominspektorat ESTI
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Schweizerische Eidgenossenschaft
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Bewilligung	Nummer: **21.0458**
Typenbezeichnung	Nenndaten
S 20.L	In: 0.5...63 A Un: 230/400V~, 50/60 Hz Icn: 4.5kA Anzahl Pole: 1; 2; 3; 4; 1+N; 3+N Auslösecharakteristik: B; C; D
Schutzklasse:	
Schutzgrad:	Schutz durch Einbau
Grundlagen:	CCA / VDE / DE1 34796 / 04.02.2020 CCA / VDE / DE1 34688 / 20.09.2018 Test Report / VDE / 269784-TL3-090 / 28.01.2020 Test Report / VDE / 247075-TL3-109 / 14.09.2018
Bemerkung:	Zusätzliche Typeninformationen und Typenschlüssel gemäss Typenübersicht vom 14.6.21.
Prüfnormen:	EN 60898-1:2003 + A1:04 + A11:05 + A12:08 + A13:12

Eidgenössisches Starkstrominspektorat ESTI

Peter Fluri
Leiter Marktüberwachung/Sicherheitszeichen

Typenübersicht zu ESTI Bewilligung 21.0458

TECHNICAL CHARACTERISTIC

Type:	**S20.** **S20.L**
Number of poles:	**1; 1+N; 2; 3; 3+N; 4**
Rated operational voltage (U_n):	**AC 230 V (poles 1+N)** **AC 230/400 V (poles 1)** **AC 400 V (poles 2; 3; 3+N; 4)**
Rated current (I_n):	**B: 1 A*; 2 A*; 3 A*, 4 A*; 6 A; 8 A; 10 A; 13 A; 16 A; 20 A; 25 A; 32 A; 40 A; 50 A; 63 A *) only type S20.** **C: 0,5 A; 1 A; 1,6 A; 2 A; 3 A; 4 A; 6 A; 8 A; 10 A; 13 A; 16 A; 20 A; 25 A; 32 A; 40 A; 50 A, 63 A** **D: 0,5 A; 1 A; 1,6 A; 2 A; 3 A; 4 A; 6 A; 8 A; 10 A; 13 A; 16 A; 20 A; 25 A; 32 A; 40 A; 50 A; 63 A**
Instantaneous tripping current:	**B; C; D**
Rated short-circuit capacity (I_{cn}):	**6000 A (S20.** **4500 A (S20.L)**
Energy limiting class:	**3 (Type B; C)**
Grid distance:	**35 mm**

Type key and type description:

S20$\frac{\_\_}{A}\ \frac{\_\_}{B}\ \frac{\_\_}{C}\ \frac{\_\_}{D}$

A) Number of poles: **1; 1-NA; 2; 3; 3-NA; 4**
B) **Blank** (6 kA); **L** (4,5 kA)
C) Instantaneous tripping current: **B; C; D**
D) Rated current (A): **0,5 – 63 A**

List of the types

Circuit breakers series S20. (6 kA)

		Circuit breakers series S20.					
No. of poles		1	2	3	4	1+N	3+N
Characteristic and Rated current		S201	S202	S203	S204	S201-NA	S203-NA
B	1	S201 B1	S202 B1	S203 B1	S204 B1	S201-NA B1	S203-NA B1
	2	S201 B2	S202 B2	S203 B2	S204 B2	S201-NA B2	S203-NA B2
	3	S201 B3	S202 B3	S203 B3	S204 B3	S201-NA B3	S203-NA B3
	4	S201 B4	S202 B4	S203 B4	S204 B4	S201-NA B4	S203-NA B4
	6	S201 B6	S202 B6	S203 B6	S204 B6	S201-NA B6	S203-NA B6
	8	S201 B8	S202 B8	S203 B8	S204 B8	S201-NA B8	S203-NA B8
	10	S201 B10	S202 B10	S203 B10	S204 B10	S201-NA B10	S203-NA B10
	13	S201 B13	S202 B13	S203 B13	S204 B13	S201-NA B13	S203-NA B13
	16	S201 B16	S202 B16	S203 B16	S204 B16	S201-NA B16	S203-NA B16
	20	S201 B20	S202 B20	S203 B20	S204 B20	S201-NA B20	S203-NA B20
	25	S201 B25	S202 B25	S203 B25	S204 B25	S201-NA B25	S203-NA B25
	32	S201 B32	S202 B32	S203 B32	S204 B32	S201-NA B32	S203-NA B32
	40	S201 B40	S202 B40	S203 B40	S204 B40	S201-NA B40	S203-NA B40
	50	S201 B50	S202 B50	S203 B50	S204 B50	S201-NA B50	S203-NA B50
	63	S201 B63	S202 B63	S203 B63	S204 B63	S201-NA B63	S203-NA B63
C	0,5	S201 C0,5	S202 C0,5	S203 C0,5	S204 C0,5	S201-NA C0,5	S203-NA C0,5
	1	S201 C1	S202 C1	S203 C1	S204 C1	S201-NA C1	S203-NA C1
	1,6	S201 C1,6	S202 C1,6	S203 C1,6	S204 C1,6	S201-NA C1,6	S203-NA C1,6
	2	S201 C2	S202 C2	S203 C2	S204 C2	S201-NA C2	S203-NA C2
	3	S201 C3	S202 C3	S203 C3	S204 C3	S201-NA C3	S203-NA C3
	4	S201 C4	S202 C4	S203 C4	S204 C4	S201-NA C4	S203-NA C4
	6	S201 C6	S202 C6	S203 C6	S204 C6	S201-NA C6	S203-NA C6
	8	S201 C8	S202 C8	S203 C8	S204 C8	S201-NA C8	S203-NA C8
	10	S201 C10	S202 C10	S203 C10	S204 C10	S201-NAC10	S203-NAC10
	13	S201 C13	S202 C13	S203 C13	S204 C13	S201-NA C13	S203-NA C13
	16	S201 C16	S202 C16	S203 C16	S204 C16	S201-NA C16	S203-NA C16
	20	S201 C20	S202 C20	S203 C20	S204 C20	S201-NA C20	S203-NA C20
	25	S201 C25	S202 C25	S203 C25	S204 C25	S201-NA C25	S203-NA C25
	32	S201 C32	S202 C32	S203 C32	S204 C32	S201-NA C32	S203-NA C32
	40	S201 C40	S202 C40	S203 C40	S204 C40	S201-NA C40	S203-NA C40
	50	S201 C50	S202 C50	S203 C50	S204 C50	S201-NA C50	S203-NA C50
	63	S201 C63	S202 C63	S203 C63	S204 C53	S201-NA C63	S203-NA C63

Circuit breakers series S20. (6 kA)

		Circuit breakers series S20.					
No. of poles		1	2	3	4	1+N	3+N
Characteristic and Rated current		S201	S202	S203	S204	S201-NA	S203-NA
D	0,5	S201 D0,5	S202 D0,5	S203 D0,5	S204 D0,5	S201-NA D0,5	S203-NA D0,5
	1	S201 D1	S202 D1	S203 D1	S204 D1	S201-NA D1	S203-NA D1
	1,6	S201 D1,6	S202 D1,6	S203 D1,6	S204 D1,6	S201-NA D1,6	S203-NA D1,6
	2	S201 D2	S202 D2	S203 D2	S204 D2	S201-NA D2	S203-NA D2
	3	S201 D3	S202 D3	S203 D3	S204 D3	S201-NA D3	S203-NA D3
	4	S201 D4	S202 D4	S203 D4	S204 D4	S201-NA D4	S203-NA D4
	6	S201 D6	S202 D6	S203 D6	S204 D6	S201-NA D6	S203-NA D6
	8	S201 D8	S202 D8	S203 D8	S204 D8	S201-NA D8	S203-NA D8
	10	S201 D10	S202 D10	S203 D10	S204 D10	S201-NA D10	S203-NA D10
	13	S201 D13	S202 D13	S203 D13	S204 D13	S201-NA D13	S203-NA D13
	16	S201 D16	S202 D16	S203 D16	S204 D16	S201-NA D16	S203-NA D16
	20	S201 D20	S202 D20	S203 D20	S204 D20	S201-NA D20	S203-NA D20
	25	S201 D25	S202 D25	S203 D25	S204 D25	S201-NA D25	S203-NA D25
	32	S201 D32	S202 D32	S203 D32	S204 D32	S201-NA D32	S203-NA D32
	40	S201 D40	S202 D40	S203 D40	S204 D40	S201-NA D40	S203-NA D40
	50	S201 D50	S202 D50	S203 D50	S204 D50	S201-NA D50	S203-NA D50
	63	S201 D63	S202 D63	S203 D63	S204 D63	S201-NA D63	S203-NA D63

Circuit breakers series S20.L (4,5 kA)

		Circuit breakers series S20.L					
No. of poles		1	2	3	4	1+N	3+N
Characteristic and Rated current		S201L	S202L	S203L	S204L	S201L-NA	S203L-NA
B	6	S201L B6	S202L B6	S203L B6	S204L B6	S201L-NA B6	S203L-NA B6
	8	S201L B8	S202L B8	S203L B8	S204L B8	S201L-NA B8	S203L-NA B8
	10	S201L B10	S202L B10	S203L B10	S204L B10	S201L-NA B10	S203L-NA B10
	13	S201L B13	S202L B13	S203L B13	S204L B13	S201L-NA B13	S203L-NA B13
	16	S201L B16	S202L B16	S203L B16	S204L B16	S201L-NA B16	S203L-NA B16
	20	S201L B20	S202L B20	S203L B20	S204L B20	S201L-NA B20	S203L-NA B20
	25	S201L B25	S202L B25	S203L B25	S204L B25	S201L-NA B25	S203L-NA B25
	32	S201L B32	S202L B32	S203L B32	S204L B32	S201L-NA B32	S203L-NA B32
	40	S201L B40	S202L B40	S203L B40	S204L B40	S201L-NA B40	S203L-NA B40
	50	S201L B50	S202L B50	S203L B50	S204L B50	S201L-NA B50	S203L-NA B50
	63	S201L B63	S202L B63	S203B 63	S204L B63	S201L-NA B63	S203L-NA B63
C	0,5	S201L C0,5	S202L C0,5	S203L C0,5	S204L C0,5	S201L-NA C0,5	S203L-NA C0,5
	1	S201L C1	S202L C1	S203L C1	S204L C1	S201L-NA C1	S203L-NA C1
	1,6	S201L C1,6	S202L C1,6	S203L C1,6	S204L C1,6	S201L-NA C1,6	S203L-NA C1,6
	2	S201L C2	S202L C2	S203L C2	S204L C2	S201L-NA C2	S203L-NA C2
	3	S201L C3	S202L C3	S203L C3	S204L C3	S201L-NA C3	S203L-NA C3
	4	S201L C4	S202L C4	S203L C4	S204L C4	S201L-NA C4	S203L-NA C4
	6	S201L C6	S202L C6	S203L C6	S204L C6	S201L-NA C6	S203L-NA C6
	8	S201L C8	S202L C8	S203L C8	S204L C8	S201L-NA C8	S203L-NA C8
	10	S201L C10	S202L C10	S203L C10	S204L C10	S201L-NAC10	S203L-NAC10
	13	S201L C13	S202L C13	S203L C13	S204L C13	S201L-NA C13	S203L-NA C13
	16	S201L C16	S202L C16	S203L C16	S204L C16	S201L-NA C16	S203L-NA C16
	20	S201L C20	S202L C20	S203L C20	S204L C20	S201L-NA C20	S203L-NA C20
	25	S201L C25	S202L C25	S203L C25	S204L C25	S201L-NA C25	S203L-NA C25
	32	S201L C32	S202L C32	S203L C32	S204L C32	S201L-NA C32	S203L-NA C32
	40	S201L C40	S202L C40	S203L C40	S204L C40	S201L-NA C40	S203L-NA C40
	50	S201L C50	S202L C50	S203L C50	S204L C50	S201L-NA C50	S203L-NA C50
	63	S201L C63	S202L C63	S203L C63	S204L C63	S201L-NA C63	S203L-NA C63

Circuit breakerss series S20.L (4,5 kA)

		Circuit breakers series S20.L					
No. of poles		1	2	3	4	1+N	3+N
Characteristic and Rated current		S201L	S202L	S203L	S204L	S201L-NA	S203L-NA
D	0,5	S201L D0,5	S202L D0,5	S203L D0,5	S204L D0,5	S201L-NA D0,5	S203L-NA D0,5
	1	S201L D1	S202L D1	S203L D1	S204L D1	S201L-NA D1	S203L-NA D1
	1,6	S201L D1,6	S202L D1,6	S203L D1,6	S204L D1,6	S201L-NA D1,6	S203L-NA D1,6
	2	S201L D2	S202L D2	S203L D2	S204L D2	S201L-NA D2	S203L-NA D2
	3	S201L D3	S202L D3	S203L D3	S204L D3	S201L-NA D3	S203L-NA D3
	4	S201L D4	S202L D4	S203L D4	S204L D4	S201L-NA D4	S203L-NA D4
	6	S201L D6	S202L D6	S203L D6	S204L D6	S201L-NA D6	S203L-NA D6
	8	S201L D8	S202L D8	S203L D8	S204L D8	S201L-NA D8	S203L-NA D8
	10	S201L D10	S202L D10	S203L D10	S204L D10	S201L-NA D10	S203L-NA D10
	13	S201L D13	S202L D13	S203L D13	S204L D13	S201L-NA D13	S203L-NA D13
	16	S201L D16	S202L D16	S203L D16	S204L D16	S201L-NA D16	S203L-NA D16
	20	S201L D20	S202L D20	S203L D20	S204L D20	S201L-NA D20	S203L-NA D20
	25	S201L D25	S202L D25	S203L D25	S204L D25	S201L-NA D25	S203L-NA D25
	32	S201L D32	S202L D32	S203L D32	S204L D32	S201L-NA D32	S203L-NA D32
	40	S201L D40	S202L D40	S203L D40	S204L D40	S201L-NA D40	S203L-NA D40
	50	S201L D50	S202L D50	S203L D50	S204L D50	S201L-NA D50	S203L-NA D50
	63	S201L D63	S202L D63	S203L D63	S204L D63	S201L-NA D63	S203L-NA D63

TECHNICAL CHARACTERISTIC

Type:	**S 20.M**
Number of poles:	**1; 1+N; 2; 3; 3+N; 4**
Rated operational voltage (Un):	**AC 230 V (poles 1+N)** **AC 230/400 V (poles 1)** **AC 400 V (poles 2; 3; 3+N; 4)**
Rated current (In):	**B: 1 A; 2 A; 3 A; 4 A; 6 A; 8 A; 10 A; 13 A; 16 A; 20 A; 25 A; 32 A; 40 A; 50 A; 63 A** **C: 0,5 A; 1 A; 1,6 A; 2 A; 3 A; 4 A; 6 A; 8 A; 10 A; 13 A; 16 A; 20 A; 25 A; 32 A; 40 A; 50 A, 63 A** **D: 0,5 A; 1 A; 1,6 A; 2 A; 3 A; 4 A; 6 A; 8 A; 10 A; 13 A; 16 A; 20 A; 25 A; 32 A; 40 A ; 50 A; 63 A**
Instantaneous tripping current:	**B; C; D**
Rated short-circuit capacity (Icn):	**10000 A**
Energy limiting class:	**3 (Type B; C)**
Grid distance:	**35 mm**

Type key and type description:

S 20___ ___ ___ ___
A B C D

A) Number of poles: **1; 1M-NA; 2; 3; 3M-NA; 4**
B) **M** (10 kA) (Note: Does not apply to 1M-NA and 3M-NA)
C) Instantaneous tripping current: **B; C; D**
D) Rated current (A): **0,5 – 63 A**

Circuit breakers series S 20.M (10 kA)

		Circuit breakers series S 20.M					
No. of poles		1	2	3	4	1+N	3+N
Characteristic and Rated current		S 201M	S 202M	S 203M	S 204M	S 201M-NA	S 203M-NA
B	1	S 201M B1	S 202M B1	S 203M B1	S 204M B1	S 201M-NA B1	S 203M-NA B1
	2	S 201M B2	S 202M B2	S 203M B2	S 204M B2	S 201M-NA B2	S 203M-NA B2
	3	S 201M B3	S 202M B3	S 203M B3	S 204M B3	S 201M-NA B3	S 203M-NA B3
	4	S 201M B4	S 202M B4	S 203M B4	S 204M B4	S 201M-NA B4	S 203M-NA B4
	6	S 201M B6	S 202M B6	S 203M B6	S 204M B6	S 201M-NA B6	S 203M-NA B6
	8	S 201M B8	S 202M B8	S 203M B8	S 204M B8	S 201M-NA B8	S 203M-NA B8
	10	S 201M B10	S 202M B10	S 203M B10	S 204M B10	S 201M-NA B10	S 203M-NA B10
	13	S 201M B13	S 202M B13	S 203M B13	S 204M B13	S 201M-NA B13	S 203M-NA B13
	16	S 201M B16	S 202M B16	S 203M B16	S 204M B16	S 201M-NA B16	S 203M-NA B16
	20	S 201M B20	S 202M B20	S 203M B20	S 204M B20	S 201M-NA B20	S 203M-NA B20
	25	S 201M B25	S 202M B25	S 203M B25	S 204M B25	S 201M-NA B25	S 203M-NA B25
	32	S 201M B32	S 202M B32	S 203M B32	S 204M B32	S 201M-NA B32	S 203M-NA B32
	40	S 201M B40	S 202M B40	S 203M B40	S 204M B40	S 201M-NA B40	S 203M-NA B40
	50	S 201M B50	S 202M B50	S 203M B50	S 204M B50	S 201M-NA B50	S 203M-NA B50
	63	S 201M B63	S 202M B63	S 203M B63	S 204M B63	S 201M-NA B63	S 203M-NA B63
C	0,5	S 201M C0,5	S 202M C0,5	S 203M C0,5	S 204M C0,5	S 201M-NA C0,5	S 203M-NA C0,5
	1	S 201M C1	S 202M C1	S 203M C1	S 204M C1	S 201M-NA C1	S 203M-NA C1
	1,6	S 201M C1,6	S 202M C1,6	S 203M C1,6	S 204M C1,6	S 201M-NA C1,6	S 203M-NA C1,6
	2	S 201M C2	S 202M C2	S 203M C2	S 204M C2	S 201M-NA C2	S 203M-NA C2
	3	S 201M C3	S 202M C3	S 203M C3	S 204M C3	S 201M-NA C3	S 203M-NA C3
	4	S 201M C4	S 202M C4	S 203M C4	S 204M C4	S 201M-NA C4	S 203M-NA C4
	6	S 201M C6	S 202M C6	S 203M C6	S 204M C6	S 201M-NA C6	S 203M-NA C6
	8	S 201M C8	S 202M C8	S 203M C8	S 204M C8	S 201M-NA C8	S 203M-NA C8
	10	S 201M C10	S 202M C10	S 203M C10	S 204M C10	S 201M-NA C10	S 203M-NA C10
	13	S 201M C13	S 202M C13	S 203M C13	S 204M C13	S 201M-NA C13	S 203M-NA C13
	16	S 201M C16	S 202M C16	S 203M C16	S 204M C16	S 201M-NA C16	S 203M-NA C16
	20	S 201M C20	S 202M C20	S 203M C20	S 204M C20	S 201M-NA C20	S 203M-NA C20
	25	S 201M C25	S 202M C25	S 203M C25	S 204M C25	S 201M-NA C25	S 203M-NA C25
	32	S 201M C32	S 202M C32	S 203M C32	S 204M C32	S 201M-NA C32	S 203M-NA C32
	40	S 201M C40	S 202M C40	S 203M C40	S 204M C40	S 201M-NA C40	S 203M-NA C40
	50	S 201M C50	S 202M C50	S 203M C50	S 204M C50	S 201M-NA C50	S 203M-NA C50
	63	S 201M C63	S 202M C63	S 204M C63	S 204M C63	S 201M-NA C63	S 203M-NA C63

Circuit breakers S 20.M (10 kA)

No. of poles		Circuit breakers series S20.M					
		1	2	3	4	1+N	3+N
Characteristic and Rated current		S 201M	S 202M	S 203M	S 204M	S 201M-NA	S 203M-NA
D	0,5	S 201M D0,5	S 202M D0,5	S 203M D0,5	S 204M D0,5	S 201M-NA D0,5	S 203M-NA D0,5
	1	S 201M D1	S 202M D1	S 203M D1	S 204M D1	S 201M-NA D1	S 203M-NA D1
	1,6	S 201M D1,6	S 202M D1,6	S 203M D1,6	S 204M D1,6	S 201M-NA D1,6	S 203M-NA D1,6
	2	S 201M D2	S 202M D2	S 203M D2	S 204M D2	S 201M-NA D2	S 203M-NA D2
	3	S 201M D3	S 202M D3	S 203M D3	S 204M D3	S 201M-NA D3	S 203M-NA D3
	4	S 201M D4	S 202M D4	S 203M D4	S 204M D4	S 201M-NA D4	S 203M-NA D4
	6	S 201M D6	S 202M D6	S 203M D6	S 204M D6	S 201M-NA D6	S 203M-NA D6
	8	S 201M D8	S 202M D8	S 203M D8	S 204M D8	S 201M-NA D8	S 203M-NA D8
	10	S 201M D10	S 202M D10	S 203M D10	S 204M D10	S 201M-NA D10	S 203M-NA D10
	13	S 201M D13	S 202M D13	S 203M D13	S 204M D13	S 201M-NA D13	S 203M-NA D13
	16	S 201M D16	S 202M D16	S 203M D16	S 204M D16	S 201M-NA D16	S 203M-NA D16
	20	S 201M D20	S 202M D20	S 203M D20	S 204M D20	S 201M-NA D20	S 203M-NA D20
	25	S 201M D25	S 202M D25	S 203M D25	S 204M D25	S 201M-NA D25	S 203M-NA D25
	32	S 201M D32	S 202M D32	S 203M D32	S 204M D32	S 201M-NA D32	S 203M-NA D32
	40	S 201M D40	S 202M D40	S 203M D40	S 204M D40	S 201M-NA D40	S 203M-NA D40
	50	S 201M D50	S 202M D50	S 203M D50	S 204M D50	S 201M-NA D50	S 203M-NA D50
	63	S 201M D63	S 202M D63	S 203M D63	S 204M D63	S 201M-NA D63	S 203M-NA D63

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