



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Eidgenössisches Starkstrominspektorat ESTI
Marktüberwachung/Sicherheitszeichen

ABB Schweiz AG
Fulachstrasse 150
8201 Schaffhausen

Kundennr.
6327

Ihr Zeichen
Dirk Riss

Unser Zeichen
Christoph Meile

Datum
04.04.2024

Bewilligung

Nummer:
gültig bis:

24.0267
03.04.2027



Kennzeichnung:



Aufgrund der Unterlagen im Dossier Nr. **24-BS-0157** 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: **Leistungsschalter**

Handelsmarken: **ABB**

Typenbezeichnung: **Nenndaten**

Series S800S-UC

Ue: 250Vdc: (1 polig)
500Vdc: (2 Pole in Serie)
750Vdc: (3 Pole in Serie)
1000Vdc: (4 Pole in Serie bis 50A)
750Vdc: (4 Pole in Serie 63 ... 125A)
Auslösecharakteristik: B; K
In: 0.5; 1; 1.6; 2; 2.5; 3; 4; 5; 6; 8; 10; 13; 16; 20; 25; 32; 40;
50; 63; 80; 100; 125 A
Anzahl Pole: 1; 2; 3; 4
Icu: 50kA
Ics: 50kA (In= 0.5 ... 100A)
Ics: 20kA (In= 125A)

Eidgenössisches Starkstrominspektorat ESTI
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Bewilligung Nummer: **24.0267**

Typenbezeichnung Nenndaten

Schutzklasse:

Schutzgrad: IP40 (Klemmen IP00)

Grundlagen: Zeichengenehmigung / VDE / 40039438 / 11.01.2024
CB / VDE / DE1-68194 / 11.12.2023
Test Report / IPH / 312835-TL3-1 / 19.12.2023

Bemerkung: Zusätzliche Typeninformationen gemäss Typenübersicht im Anhang.

Prüfnormen: EN 60947-1:2007+A1:11+A2:14
EN 60947-2:2017+A1:20

Eidgenössisches Starkstrominspektorat ESTI

Severo Nicoli
Leiter Marktüberwachung/Sicherheitszeichen

Typenübersicht zu ESTI Bewilligung 24.0267

Typenschlüssel / type code

S80 $\overline{1}$ **S-UC** $\overline{2}$ $\overline{3}$

- 1: Number of poles: 1, 2, 3, 4
 2: Instantaneous tripping type: B, K
 3: Rated current [A]: 0,5; 1; 1,6; 2; 2,5; 3; 4; 5; 6; 8; 10; 13; 15; 16; 20; 25; 30; 32; 40; 50; 63; 80; 100; 125

Typenliste / type list

Characteristic B

1 pole	2 poles	3 poles	4 poles	I _e [A]
S801S-UCB0.5	S802S-UCB0.5	S803S-UCB0.5	S804S-UCB0.5	0,5
S801S-UCB1	S802S-UCB1	S803S-UCB1	S804S-UCB1	1
S801S-UCB1.6	S802S-UCB1.6	S803S-UCB1.6	S804S-UCB1.6	1,6
S801S-UCB2	S802S-UCB2	S803S-UCB2	S804S-UCB2	2
S801S-UCB2.5	S802S-UCB2.5	S803S-UCB2.5	S804S-UCB2.5	2,5
S801S-UCB3	S802S-UCB3	S803S-UCB3	S804S-UCB3	3
S801S-UCB4	S802S-UCB4	S803S-UCB4	S804S-UCB4	4
S801S-UCB5	S802S-UCB5	S803S-UCB5	S804S-UCB5	5
S801S-UCB6	S802S-UCB6	S803S-UCB6	S804S-UCB6	6
S801S-UCB8	S802S-UCB8	S803S-UCB8	S804S-UCB8	8
S801S-UCB10	S802S-UCB10	S803S-UCB10	S804S-UCB10	10
S801S-UCB13	S802S-UCB13	S803S-UCB13	S804S-UCB13	13
S801S-UCB16	S802S-UCB16	S803S-UCB16	S804S-UCB16	16
S801S-UCB20	S802S-UCB20	S803S-UCB20	S804S-UCB20	20
S801S-UCB25	S802S-UCB25	S803S-UCB25	S804S-UCB25	25
S801S-UCB32	S802S-UCB32	S803S-UCB32	S804S-UCB32	32
S801S-UCB40	S802S-UCB40	S803S-UCB40	S804S-UCB40	40
S801S-UCB50	S802S-UCB50	S803S-UCB50	S804S-UCB50	50
S801S-UCB63	S802S-UCB63	S803S-UCB63	S804S-UCB63	63
S801S-UCB80	S802S-UCB80	S803S-UCB80	S804S-UCB80	80
S801S-UCB100	S802S-UCB100	S803S-UCB100	S804S-UCB100	100
S801S-UCB125	S802S-UCB125	S803S-UCB125	S804S-UCB125	125

Characteristic K

1 pole	2 poles	3 poles	4 poles	I _e [A]
S801S-UCK0.5	S802S-UCK0.5	S803S-UCK0.5	S804S-UCK0.5	0,5
S801S-UCK1	S802S-UCK1	S803S-UCK1	S804S-UCK1	1
S801S-UCK1.6	S802S-UCK1.6	S803S-UCK1.6	S804S-UCK1.6	1,6
S801S-UCK2	S802S-UCK2	S803S-UCK2	S804S-UCK2	2
S801S-UCK2.5	S802S-UCK2.5	S803S-UCK2.5	S804S-UCK2.5	2,5
S801S-UCK3	S802S-UCK3	S803S-UCK3	S804S-UCK3	3
S801S-UCK4	S802S-UCK4	S803S-UCK4	S804S-UCK4	4
S801S-UCK5	S802S-UCK5	S803S-UCK5	S804S-UCK5	5
S801S-UCK6	S802S-UCK6	S803S-UCK6	S804S-UCK6	6
S801S-UCK8	S802S-UCK8	S803S-UCK8	S804S-UCK8	8
S801S-UCK10	S802S-UCK10	S803S-UCK10	S804S-UCK10	10
S801S-UCK13	S802S-UCK13	S803S-UCK13	S804S-UCK13	13
S801S-UCK16	S802S-UCK16	S803S-UCK16	S804S-UCK16	16
S801S-UCK20	S802S-UCK20	S803S-UCK20	S804S-UCK20	20
S801S-UCK25	S802S-UCK25	S803S-UCK25	S804S-UCK25	25
S801S-UCK32	S802S-UCK32	S803S-UCK32	S804S-UCK32	32
S801S-UCK40	S802S-UCK40	S803S-UCK40	S804S-UCK40	40
S801S-UCK50	S802S-UCK50	S803S-UCK50	S804S-UCK50	50
S801S-UCK63	S802S-UCK63	S803S-UCK63	S804S-UCK63	63
S801S-UCK80	S802S-UCK80	S803S-UCK80	S804S-UCK80	80
S801S-UCK100	S802S-UCK100	S803S-UCK100	S804S-UCK100	100
S801S-UCK125	S802S-UCK125	S803S-UCK125	S804S-UCK125	125