



Ref. Certif. No.

DE1-62867/M1

IECEE CBTC

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Busbar trunking system

Name and address of the applicant

ABB Schweiz AG
Fulachstrasse 150
8200 Schaffhausen
Switzerland

Name and address of the manufacturer

ABB Schweiz AG
Fulachstrasse 150
8200 Schaffhausen
Switzerland

Name and address of the factory

ABB Schweiz AG
Fulachstrasse 150
8200 Schaffhausen
Switzerland

Note: When more than one factory, please report on page 2

Additional Information on page

Ratings and principal characteristics

Rated operational voltage Ue: Main circuit; AC 690 V / Auxiliary circuit: AC 415 V, Rated insulation voltage Ui: Main circuit; 690 V / Auxiliary circuit: 415 V, Rated impulse voltage Uimp: Main circuit; 8 kV / Auxiliary circuit: 6 kV, Rated current of the assembly InA: Main circuit; 250 A (side feeding) / Auxiliary circuit: 40 A, Rated current of a circuit Inc: Main circuit; up to 250 A (side feeding) / Auxiliary circuit: 40 A, Rated short-time withstand current Icw: Main circuit; 15 kA / 100 ms / Auxiliary circuit: 4 kA / 50 ms, Rated peak withstand current Ipk: Main circuit; 30 kA / Auxiliary circuit: 6 kA, Rated conditional short-circuit current Icc (see additional information for more details): Main circuit; 25 kA (AC 690 V); 100 kA (AC 415 V) / Auxiliary circuit: 100 kA (AC 415 V); 100 kA (AC 240 V)

This CB Test Certificate is issued by the National Certification Body

VDE Prüf- und Zertifizierungsinstitut GmbH
Zertifizierungsstelle und internat. Angelegenheiten
Certification Body and internat. Affairs

Date: 2025-01-27

Signature:

T. Baumann



Ref. Certif. No.

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Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

Smisline TP Power Bar

Additional information (if necessary may also be reported on page 2)

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 61439-1:2011, IEC 61439-6:2012

As shown in the Test Report Ref. No. which forms part of this Certificate

263383-TL3-1

Additional information

History:

Original CB-certificate DE1-62867; date of issue: 2019-11-28; with test report 263383-TL3-1; date of issue: 2019-11-26
Modified CB-certificate DE1-62867/M1; with test report 321961-TL3-1

Reasons for modification:

- Adding new MCB series S400 as short-circuit protective device
- Change of following ratings of the auxiliary circuit:

Rated operational voltage (Ue): from AC 400 V to AC 415 V (without tests)

Rated insulation voltage (Ui): from AC 400 V to AC 415 V (without tests)

Conditional short-circuit current of Smisline TP Power Bar:

Main busbar (L1, L2, L3, N)

Protective Device Fuse NH1 (InA: 200 A): 100 kA at Ue AC 415 V; 25 kA at Ue AC 690 V

Protective Device XT4 (InA: 250 A): 100 kA at Ue AC 415 V; 25 kA at Ue AC 690 V

Protective Device XT3 (InA: 250 A): 50 kA at Ue AC 415 V; 6 kA at Ue AC 690 V

Protective Device XT2 (InA: 160 A): 100 kA at Ue AC 415 V; 18 kA at Ue AC 690 V

Protective Device XT1 (InA: 160 A): 70 kA at Ue AC 415 V; 10 kA at Ue AC 690 V

Protective Device Series S800 (InA: 125 A): 50 kA at Ue AC 415 V; 4,5 kA at Ue AC 690 V

Auxiliary busbar (LA, LB)

Protective Device Fuse (InA: 40 A): 100 kA at Ue AC 240 V; 100 kA at Ue AC 415 V

Protective Device Series S800 (InA: 40 A): 50 kA at Ue AC 240 V; 5 kA at Ue AC 415 V

Protective Device Series S400 (InA: 40 A): 15 kA at Ue AC 240 V

Protective Device Series S200 (InA: 40 A): 15 kA at Ue AC 240 V

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The series Smisline TP Power Bar contains following references:

Busbar for the socket: ZLSP1250, ZLS202

Socket base: ZLSP906, ZLSP908

Additional socket for external N and PE busbars: ZLS926, ZLS928

Socket end piece: ZLS920, ZLS921

Incoming terminal blocks: ZLS924-3L, ZLS924-3LN, ZLS924-3LNAB, ZLS924-3L-R, ZLS924-3LN-R, ZLS924-3LNAB-R, ZLSP934-3L-1, ZLSP934-3LN, ZLSP934-3L-R-1, ZLSP934-3LN-R, ZLSP935-8NPE, ZLSP935-8PE, ZLSP935-8NPE-R, ZLSP935-8PE-R, ZLS963N-N, ZLSP964, ZLSP937, ZLSP926, ZLSP928, ZLSP250, ZLSP251, ZLSP252, ZLSP253, ZLSP254, ZLSP254-1

Socket accessories: ZLS725, ZLS728, ZLS938, ZLS741, ZLS100, ZLS101

Terminals for additional socket: ZLS918, ZLS913, ZLS954, ZLS954-1, ZLSP954, ZLSP954-1, ZLS919, ZLS929, ZLS959, ZLSP959, ZLS918/Red, ZLS919/Orange, ZLS918/Black, ZLS913/Red, ZLS916/Orange, ZLS927

Adapter: ZLS965, ZLS964, ZLS970, ZLS971, ZLS970N, ZLS971N, ZLS972, ZLS973, ZLS972N, ZLS973N, ZLS970300, ZLS971300, ZLS970N300, ZLS971N300, ZLS972300, ZLS973300, ZLS972N300, ZLS973N300

Combi module adapter for manual starter and DIN adapters: ZMS132-3L, ZMS

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