

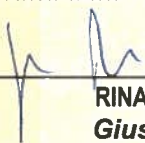


TYPE APPROVAL CERTIFICATE
No. ELE121719XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	CIRCUIT BREAKERS
<i>Type</i>	MCB Series S200MUC
<i>Applicant</i>	ABB STOTZ-KONTAKT GMBH EPPELHEIMER STR. 82 69123 HEIDELBERG GERMANY
<i>Manufacturer</i>	ABB STOTZ-KONTAKT GMBH
<i>Place of manufacture</i>	See attachment
<i>Reference standards</i>	IEC 60947-2:2006 (ed.4) am1:2009 and RINA Rules for the Classification of the Ships, Part C, Ch. 3, Sec 6

Issued in **HAMBURG** on **May 28, 2019**. *This Certificate is valid until* **May 27, 2024**



RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE

No. ELE121719XG

Enclosure - Page 1 of 2

MCB Series S200MUC

...Model type:

Series: S200MUC

S201MUC; S202MUC; S203MUC; S204MUC

Ratings and principal characteristics:

133/230 V AC; 235/440 V AC;

110/220 V DC; 220/240 V DC;

0,2 - 63 A;

1-; 2-; 3-; 4-pole

Instantaneous tripping current type B; C; K; Z

Icu:

15 kA (133 V AC; 1 pole); 10 kA (253 V AC; 1 pole; ≤ 40 A); 6 kA (253 V AC; 1 pole; 50 A, 63 A)

25 kA (230 V AC; 2,3,4 pole); 10 kA (440 V AC; 2,3,4 pole; ≤ 40 A); 6 kA (440 V AC; 2,3,4 pole; 50 A, 63 A)

20 kA (110 V DC; 1 pole); 10 kA (220 V DC; 1 pole);

25 kA (220 V DC; 2,3,4 pole); 10 kA (440 V DC; 2,3,4 pole)

Ics:

7,5 kA (133 V AC; 1 pole); 7,5 kA (253 V AC; 1 pole; ≤ 40 A); 6 kA (253 V AC; 1 pole; 50 A, 63 A)

18,75 kA (230 V AC; 2,3,4 pole); 7,5 kA (440 V AC; 2,3,4 pole; ≤ 40 A); 6 kA (440 V AC; 2,3,4 pole; 50 A, 63 A)

10 kA (110 V DC; 1 pole); 10 kA (220 V DC; 1 pole);

20 kA (220 V DC; 2,3,4 pole); 10 kA (440 V DC; 2,3,4 pole)

Frequency:

50/60 Hz; DC;

Degree of protection:

IP 20

Type key:

S20 _ _ _ _
A B C D

A: Number of poles: 1; 2; 3; 4

B: -NA: with neutral pole

C: Characteristic: B; C; K; Z

D: Rated current:

0,5A to 63 A for characteristic C; Z;

6 A to 63 A for characteristic B;

0,2 A to 63 A for characteristic K



TYPE APPROVAL CERTIFICATE

No. ELE121719XG

Enclosure - Page 2 of 2

MCB Series S200MUC

Documents:

- CB Test Certificate Ref.No.: DE1-52085
- Test Report 70000-4402-0714/153692
- Certificate CB_S200MUC_B-C-K-Z_IEC60947-2_DE1-59772.pdf
- CB-Testreport.pdf dated 15.04.2014

Places of Manufacture:

- ABB Stotz-Kontakt GmbH, Eppelheimer Straße 82, 69123 Heidelberg, Germany
- ABB LV Installation Materials Co. Ltd., Kangding Street No. 17, 100176 Beijing, China

This certificate annuls and replaces the previous one n° ELE064614XG.

HAMBURG May 28, 2019

