



Ref. Certif. No.

SE-109932

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

CB TEST CERTIFICATE

Product	Low Voltage Molded Case Circuit Breaker
Name and address of the applicant	ABB S.p.A ABB Sace Business Via C. Pescaria 5 IT-24123 Bergamo, Italy
Name and address of the manufacturer	Same as applicant
Name and address of the factory	ABB S.p.A ABB Sace Business Via Enrico Fermi 40 03100 Frosinone, Italy
<p><i>Note: When more than one factory, please report on page 2</i></p> <p><input type="checkbox"/> Additional Information on page 2</p>	
Ratings and principal characteristics	Rated Current 15 to 125 A, Rated Voltage 230VAC up to 550 VAC and 250 VDC.
Trademark / Brand (if any)	ABB SACE
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	Formula A1A 125, Formula A1B 125, Formula A1C 125, Formula A1N 125
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60947-2:2016+A1
As shown in the Test Report Ref. No. which forms part of this Certificate	2206361STO-001

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

Date: 16 January, 2023

intertek

Signature:

Henrik Wikström



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SE-109932**Additional information**50-60Hz, $U_i = 690V$, $U_{imp} = 6kV$, Pattern no. 3 and 4**Formula A1A 125**

U_e (V)	I_{cu} (kA)	I_{cs} (% of I_{cu})
240 AC	10	50
415 AC	10	50
440 AC	8	50
480 AC	7,5	50
550 AC	5	50
250 DC*	5	50

*= 2P in series

Formula A1B 125

U_e (V)	I_{cu} (kA)	I_{cs} (% of I_{cu})
240 AC	25	50
415 AC	18	50
440 AC	15	25 (5kA)
480 AC	10	50
550 AC	5	50
250 DC*	5	50

*= 2P in series

Formula A1C 125

U_e (V)	I_{cu} (kA)	I_{cs} (% of I_{cu})
240 AC	30	50
415 AC	25	25 (9 kA)
440 AC	20	25
480 AC	15	25 (5kA)
550 AC	8	25 (2,5kA)
250 DC*	10	50

*= 2P in series

Formula A1N 125

U_e (V)	I_{cu} (kA)	I_{cs} (% of I_{cu})
240 AC	100	50
415 AC	36**	25
440 AC	25	25
480 AC	18	25 (5kA)
550 AC	10	25
250 DC*	10	50

*= 2P in series

** = 30kA for A1N 125 R15

Date: 16 January, 2023

Signature: