



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 Moulded 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

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

Additional Information on page 2

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)

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

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: 