



Ref. Certif. No.

SE-108580M1

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

CB TEST CERTIFICATE

Product

Contactor

Name and address of the applicant

ABB France
11 Rue d'Arsonval
69680 Chassieu
FRANCE

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Additional Information on page 2

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

Ratings and principal characteristics

$U_e = 220V / 400V / 440V / 500V / 690V$, $I_e = 17A - 105A$,
 $I_q = 80kA (690V, 3-pole)$ or $100 kA (220-440 / 500V)$
 $U_i = 690V$; $U_{imp} = 6kV$

Trademark / Brand (if any)

ABB

Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

AFC40-30-**-**, AFC52-30-**-**, AFC65-30-**-**,
AFC40-40-**-**, AFC40-22-**-**, AFC52-40-**-**

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 60947-4-1:2018

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

2206474STO-101

This CB Test Certificate is issued by the National Certification Body

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

Date: 26 January, 2023

intertek

Signature:

Henrik Wikström



Ref. Certif. No.

SE-108580M1**Factories**

ABB France
11 Rue d'Arsonval,
69680 Chassieu
FRANCE

ABB Xinhui Low Voltage Switchgear Company Ltd
Jinguzhou Ind. Development Zone
Xinhui District, Jiangmen City
Guangdong CN-529100
CHINA

Additional information

Rated conditional short-circuit current, $I_q = 80\text{kA}$ (690V, 3-pole) or 100kA (220-440 / 500V)

Rated insulation voltage, $U_i = 690\text{V}$

Rated impulse withstand voltage, $U_{imp} = 6\text{kV}$

Type	AC-1: 690V	AC-3: 220- 440V	AC-3: 500V	AC-3: 690V	AC-3e 220- 440V	Ac-3e 500V	Ac-3e 690V	AC-4: 220- 500V	AC-4: 690V	AC-8a: 400V
AFC40-30 (I_e):	70	40	35	25	40	35	25	35	25	53
AFC52-30 (I_e):	100	53	45	35	53	45	35	45	28	70
AFC65-30 (I_e):	105	65	55	39	65	55	39	52	31	85
AFC40-40 (I_e):	70	40	35	25	40	35	25	35	25	-
AFC52-40 (I_e):	100	53	45	35	53	45	35	45	28	-
AFC40-22 (I_e):	70	40	35	25	40	35	25	35	17	-

Date: 26 January, 2023

Signature:

Type key for products covered by this report:

<u>AF</u>	<u>C</u>	<u>40</u>	<u>-30</u>	<u>-11</u>	<u>-80</u>
1	2	3	4	5	6

1 = Main designation

AF Contactor AF Range

2 = Electromagnet type

C = contactor with conventional electromagnet

3 = Size of contactor

40, 52, 65

4 = Number of main contacts

30 = 3 NO and 0 NC contacts

22 = 2 NO and 2 NC contacts

40 = 4 NO and 0 NC contacts

5 = Number of auxiliary contacts

00 = 0 NO- and 0 NC-contacts

11 = 1 NO- and 1 NC-contacts. Side-mounting

22 = 2 NO- and 2 NC-contacts. Mounted as 2nd stack

6 = Coil configuration

34 = 175VAC 50Hz / 208 VAC 60Hz

42 = 230-240VAC 50Hz / 277VAC 60Hz

51 = 400-415VAC 50Hz / 480VAC 60Hz

80 = 220-230VAC 50Hz / 230-240VAC 60Hz

81 = 24VAC 50Hz/60Hz

84 = 110VAC 50Hz / 110-120VAC 60Hz

85 = 380-400VAC 50Hz / 400-415VAC 60Hz

86 = 400-415VAC 50 HZ / 415-440VAC 60Hz

88 = 230-240VAC 50Hz / 240-260VAC 60Hz

This certificate replaces CB certificate SE-108580 dated 16 August 2022. A new certificate is issued due to 4 new coils, and also new rating AC-8a has been added.

Date: 26 January, 2023

Signature: 