



Ref. Certif. No.

SE-107871M1

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

Ue = 220V / 400V / 440V / 500V / 690V / 1000V;
Ie = 40 - 130A.
Iq = 80kA (690V, 3-pole) or 100 kA (220-440 / 500V)
Ui = 1000V; Uimp=8kV

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

AFC80-30-**-**, AFC96-30-**-**, AFC80-40-**-**,
AFC80-22-**-**

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

2204991STO-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: 05 April, 2023

intertek

Signature:

Leif Mattsson

Factories

ABB France
11 Rue d'Arsonval, 69680 Chassieu, FRANCE

ABB Xinhui Low Voltage Switchgear Co, Ltd
Jinguzhou Industrial Development Zone, Xinhui Region, Jiangmen City, Guangdong Province, CHINA

Additional information

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

Rated insulation voltage, $U_i = 1000\text{V}$

Rated impulse withstand voltage, $U_{imp}=8\text{kV}$

Type	AC-1: 690V	AC-1: 1000V	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
AFC80-30 (I_n):	125	50	80	65	49	80	65	49	65	40	105
AFC96-30 (I_n):	130	60	96	80	57	105	80	57	76	45	120
AFC80-40 (I_n):	125	50	80	65	49	80	65	49	65	40	-
AFC80-22 (I_n):	125	-	-	-	-	-	-	-	-	-	-

Type key for products covered by this report:

AF C 80 - 30 – 11 – 80
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
80, 96
- 4 = Number of main contacts
22 = 2 NO- and 2 NC-contacts.
30 = 3 NO- and 0 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 (AFC80-40 not covered)
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 (AFC80-40 not covered)
88 = 230-240VAC 50Hz / 240-260VAC 60Hz

This certificate replaces previously issued ref. No. SE-107871 dated 25 April 2022. A new certificate has been issued on account of add new type designation, 4 new coils and also new rating AC-8a has been added.

Date: 05 April, 2023

Signature:

