



Ref. Certif. No.

SE-113159A1

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 = 25 - 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

2302483STO-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 March, 2024

Signature: Quan Li



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**SE-113159A1**

**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**

This certificate replaces CB certificate SE-113159, dated 24 January 2024. A new certificate is issued due to editorial changes.

Date: 05 March, 2024

Signature:

## Ratings for AFC-range of contactors covered by report:

Type	AC-1: 690V	AC-1: 1000V	AC-3: 220- 440V	AC-3: 500V	AC-3: 690V	AC-3: 1000V	AC-3e: 220- 440V	AC-3e: 500V	AC-3e: 690V	AC-4: 220- 500V	AC-4: 690V	AC-8a: 400V
AFC80-30 (I <sub>a</sub> ):	125	50	80	65	49	25	80	65	49	65	40	105
AFC96-30 (I <sub>a</sub> ):	130	60	105	80	57	30	105	80	57	76	45	120
AFC80-40 (I <sub>a</sub> ):	125	50	80	65	49	25	80	65	49	65	40	-
AFC80-22 (I <sub>a</sub> ):	125	-	-	-	-	-	-	-	-	-	-	-

Type	AC-6b: 400-415V	AC-6b: 500-550V	AC-6b: 690V
AFC80-30 kVAR:	48	60	80
AFC96-30 kVAR:	60	75	82

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 2<sup>nd</sup> 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

Date: 05 March, 2024

Signature:

