



Ref. Certif. No.

**SE-108891****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

See page 2

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

Ratings and principal characteristics

 $U_e = 500V / 690V,$   
 $I_e = 5,1A - 32A$   
 $U_i = 690V; U_{imp} = 6kV$ 

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

AFC09-30-\*\*-\*, AFC12-30-\*\*-\*, AFC16-30-\*\*-\*,  
AFC09-40-\*\*-\*, AFC16-40-\*\*-\*, AFC16-04-\*\*-\*,  
AFC09-22-\*\*-\*, AFC16-22-\*\*-\*

Additional information (if necessary may also be reported on page 2)

See page 2-3

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

2106844STO-001

This CB Test Certificate is issued by the National Certification Body

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

Signature:

Leif Mattsson

Date: 24 August, 2022

**Factories**

ABB France  
11 Rue d'Arsonval  
69680 Chassieu  
FRANCE

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

**Additional information**

Ratings for AFC-range of contactors covered by report:

| Ratings:      | AC-1 |     | AC-3                       |              | AC-3e                      |              | AC-4                       |               | AC-5a  |     |
|---------------|------|-----|----------------------------|--------------|----------------------------|--------------|----------------------------|---------------|--------|-----|
| AFC09-30-**-* | 690V | 25A | ≤ 500V<br>> 500V<br>≤ 690V | 9,5A<br>7A   | ≤ 500V<br>> 500V<br>≤ 690V | 9,5A<br>7A   | ≤ 500V<br>> 500V<br>≤ 690V | 9,5A<br>7A    | -      | -   |
| AFC12-30-**-* | 690V | 28A | ≤ 500V<br>> 500V<br>≤ 690V | 12,5A<br>9A  | ≤ 500V<br>> 500V<br>≤ 690V | 12,5A<br>9A  | ≤ 500V<br>> 500V<br>≤ 690V | 12,5A<br>8,4A | -      | -   |
| AFC16-30-**-* | 690V | 32A | ≤ 500V<br>> 500V<br>≤ 690V | 15A<br>10,5A | ≤ 500V<br>> 500V<br>≤ 690V | 15A<br>10,5A | ≤ 500V<br>> 500V<br>≤ 690V | 13A<br>8,4A   | -      | -   |
| AFC09-40-**-* | 690V | 25A | -                          | -            | -                          | -            | -                          | -             | -      | -   |
| AFC16-40-**-* | 690V | 32A | -                          | -            | -                          | -            | -                          | -             | -      | -   |
| AFC09-22-**-* | 690V | 25A | -                          | -            | -                          | -            | -                          | -             | -      | -   |
| AFC16-22-**-* | 690V | 32A | -                          | -            | -                          | -            | -                          | -             | -      | -   |
| AFC16-04-**-* | 690V | 30A | ≤ 500V<br>> 500V<br>≤ 690V | 5,7A<br>5,1A | ≤ 500V<br>> 500V<br>≤ 690V | -<br>-       | ≤ 500V<br>> 500V<br>≤ 690V | -<br>-        | ≤ 690V | 30A |

Date: 24 August, 2022

Signature:



**Additional information**

Type key:

AF C 09 - 30 - 00 - 80  
1 2 3 4 5 6

**1 = Name of series**

AF = Contactor AF range

**2 = Application**

C = contactor with conventional electromagnet

**3 = Size of contactor**

09, 12, 16

**4 = Number of main contacts**

04 = 0 NO- and 4 NC-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  
10 = 1 NO- and 0 NC-contacts, integrated as 4th pole  
01 = 0 NO- and 1 NC-contacts, integrated as 4th pole  
11 = 1 NO- and 1 NC-contacts, side mounting  
22 = 2 NO- and 2 NC-contacts, mounted as 2nd stack

**6 = Coil configuration**

36 = 190VAC 50Hz / 220 VAC 60Hz  
80 = 220-230VAC 50Hz / 230-240VAC 60Hz  
81 = 24VAC 50Hz/60Hz  
84 = 110VAC 50Hz / 110-120VAC 60Hz  
88 = 230-240VAC 50Hz / 240-260VAC 60Hz

Date: 24 August, 2022

Signature:

