

**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

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

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

-

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)

See 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

2101799STO-001

This CB Test Certificate is issued by the National Certification Body

**Intertek Semko AB**  
Torshamnsgatan 43  
Box 1103  
SE-164 22 Kista, SwedenSignature: 

Leif Mattsson

Date: 16 August, 2022

## 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 100 kA (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
AFC40-30 ( $I_o$ ):	70	40	35	25	40	35	25	35	25
AFC52-30 ( $I_o$ ):	100	53	45	35	53	45	35	45	28
AFC65-30 ( $I_o$ ):	105	65	55	39	65	55	39	52	31
AFC40-40 ( $I_o$ ):	70	40	35	25	40	35	25	35	25
AFC52-40 ( $I_o$ ):	100	53	45	35	53	45	35	45	28
AFC40-22 ( $I_o$ ):	70	40	35	25	40	35	25	35	17

Type key for products covered by this report:

AF C 40 - 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

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 2<sup>nd</sup> stack

### 6 = Coil configuration

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

81 = 24VAC 50Hz/60Hz

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

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

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

Date: 16 August, 2022

Signature:

