



Ref. Certif. No.

**SE-96554M2**

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

See page 2

Ratings and principal characteristics

Ue = 220V / 400V / 440V / 500V / 690V, Ie = 25 - 105A

Trademark (if any)

ABB

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

AF\*\*40-30-\*\*-\*\*, AF\*\*52-30-\*\*-\*\*, AF\*\*65-30-\*\*-\*\*,  
AF\*40-40-\*\*-\*\*, AF\*40-22-\*\*-\*\*, AF\*52-40-\*\*-\*\*

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

2024848STO-001

This CB Test Certificate is issued by the National Certification Body

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



Signature: *Quan Li*

Date: 23 June, 2021

Quan Li

**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**

Specific rating:

Rated conditional shortcircuit current, I<sub>q</sub> = 80kA (690V, 3pole) or 100 kA (220-440/ 500V)

Rated insulation voltage, U<sub>i</sub> = 690V

Rated impulse withstand voltage, U<sub>imp</sub>=6kV

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
AF**40-30 (I <sub>e</sub> ):	70	40	35	25	40	35	25	35 <sup>a</sup>	25	53
AF**52-30 (I <sub>e</sub> ):	100	53	45	35	56	45	35	45 <sup>a</sup>	28	70
AF**65-30 (I <sub>e</sub> ):	105	65	55	39	65	55	39	52 <sup>a</sup>	31	85
AF*40-40 (I <sub>e</sub> ):	70	40	35	25	-	-	-	35	25	-
AF*52-40 (I <sub>e</sub> ):	100	53	45	35	-	-	-	45	28	-
AF*40-22 (I <sub>e</sub> ):	70	40	35	25	-	-	-	35	17	-

<sup>a</sup> : Also includes reversing starter contactor

Type key: AF C S 40 - 30 - 11 - 13  
                  1 2 3 4 5 6 7

1 = Main designation

AF Contactor AF Range

2 = Electromagnet type

"blank" = contactor with electronically controlled electromagnet

C = contactor with conventional electromagnet (only 3 pole)

3 = Application

"blank" = standard contactor

S = contactor for safety applications

4 = Size of contactor

40, 52, 65

Date: 23 June, 2021

Signature: 

**Additional information**

5 = 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

6 = Number of auxiliary contacts

00 = 0 NO- and 0 NC-contacts

04 = 0 NO- and 4 NC-contacts. Mounted as 2nd stack, (only for AFS)

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

13 = 1 NO- and 3 NC-contacts. Mounted as 2nd stack, (only for AFS)

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

31 = 3 NO- and 1 NC-contacts. Mounted as 2nd stack, (only for AFS)

7 = Coil configuration

11 = 20-60VDC/24-60VAC

12 = 48-130VAC/VDC

13 = 100-250VAC/VDC

14 = 250-500VAC/VDC

41 = 24-60VAC

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

This certificate replaces CB certificate SE-96554M1, dated 2 July 2020. A new certificate is issued due to an additional type has been added.

Date: 23 June, 2021

Signature: 