



Ref. Certif. No.

SE-113324M1

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

U_e = 220V / 400V / 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 / Brand (if any)



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-**-**,
AF*52*-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 60947-1:2020
IEC 60947-4-1:2023

As shown in the Test Report Ref. No. which forms part of this Certificate

2400501STO-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: 18 October, 2024

Signature:

Quan Li

Factories

ABB France
11 Rue d'Arsonval
69680 Chassieu
FRANCE

ABB Xinhui Low Voltage Switchgear Co, Ltd
Jinguzhou Industrial Development Zone
Xinhui District, Jiangmen City
Guangdong, CN-529100
CHINA

Additional information

This certificate replaces CB certificate SE-113324 dated 8 February 2024. A new certificate is issued due to a model with new round tips has been added.

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	AC-8a: 400V
AF40-30 (I_e):	70	40	35	25	40	35	25	35*	25	53
AF52-30 (I_e):	100	53	45	35	53	45	35	45*	28	70
AF65-30 (I_e):	105	65	55	39	65	55	39	52*	31	85
AF40-40 (I_e):	70	40	35	25	-	-	-	35	25	-
AF52-40 (I_e):	100	53	45	35	-	-	-	45	28	-
AF40-22 (I_e):	70	40	35	25	-	-	-	35	17	-
AF52-22 (I_e):	100	53	45	35	53	45	35	45	28	-

*Also includes reversing starter contactor

Type	AC-6b: 400-415V	AC-6b: 500- 550V	AC-6b: 690V
AF40-30 kVAR:	26	35	46
AF52-30 kVAR:	38	48	65
AF65-30 kVAR:	43	54	74

Date: 18 October, 2024

Signature:



Type key for products covered by this report:

AF S 40 B - 30 - 11 - 13
1 2 3 4 5 6 7

1 = Main designation

AF Contactor AF Range

2 = Application

“blank”: standard application

S: contactor for safety applications

3 = Size of contactor

40, 52, 65

4 = Type of material

“blank” = Standard material

B = Contactor for railway applications (special raw plastic)

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

Date: 18 October, 2024

Signature:

