



Ref. Certif. No.

SE-113571

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

$U_e = 400V / 440V / 500V / 690V;$
 $I_e = 5,1A - 32A$
 $U_j = 690V; U_{imp} = 6Kv$

Trademark / Brand (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)

Additional Information on 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

2302478STO-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: 14 March, 2024

intertek

Signature:

Anneli Averland Johansson

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

ABB INDIA LIMITED
Survey No. 88/3 & 88/4, Basavanahalli Village,
Kasaba Hobli, Nelamangala Taluk, Bangalore
North
Bangalore - 562123 Karnataka,
India

Additional Information
Ratings for AFC-range of contactors covered by report:

Ratings:	AC-1		AC-3		AC-3e		AC-4		AC-5a		AC-8a	
AFC09-30-***	690V	25A	≤ 500V	9,5A	≤ 500V	9,5A	≤ 500V	9,5A	-	-	≤ 400V	12A
> 500V ≤ 690V			7A	> 500V ≤ 690V	7A	> 500V ≤ 690V	7A	-	-	-	-	
AFC12-30-***	690V	28A	≤ 500V	12,5A	≤ 500V	12,5A	≤ 500V	12,5A	-	-	≤ 400V	16A
> 500V ≤ 690V			9A	> 500V ≤ 690V	9A	> 500V ≤ 690V	8,4A	-	-	-	-	
AFC16-30-***	690V	32A	≤ 500V	15A	≤ 440V	18A	≤ 500V	13A	-	-	≤ 400V	22A
> 500V ≤ 690V			10,5A	> 440V ≤ 500V ≤ 690V	10,5A	> 500V ≤ 690V	8,4A	-	-	-	-	
AFC09-40-***	690V	25A	-	-	-	-	-	-	-	-	-	-
AFC16-40-***	690V	32A	-	-	-	-	-	-	-	-	-	-
AFC09-22-***	690V	25A	-	-	-	-	-	-	-	-	-	-
AFC16-22-***	690V	32A	-	-	-	-	-	-	-	-	-	-
AFC16-04-***	690V	30A	≤ 500V	5,7A	≤ 500V	-	≤ 500V	-	-	≤ 690V	30A	-
> 500V ≤ 690V			5,1A	> 500V ≤ 690V	-	> 500V ≤ 690V	-	-	-	-	-	

Type	AC-6b:	AC-6b:	AC-6b:
	400-415V	500-550V	690V
AF09-30 <u>KVAR</u> :	8,5	10,5	14,5
AF12-30 <u>KVAR</u> :	11	14	19
AF16-30 <u>KVAR</u> :	12,5	15,5	21,5

Date: 14 March, 2024

Signature:



Type key:

<u>AF</u>	<u>C</u>	<u>09</u>	<u>-30</u>	<u>-00</u>	<u>—</u>	<u>-80</u>
1	2	3	4	5	6	7

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 = Connection type

"blank" = screw terminals

7 = Coil configuration

34 = 175VAC 50Hz / 208VAC 60Hz

36 = 190VAC 50Hz / 220VAC 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

8 = Application

"blank" = Industrial

H = Household

Date: 14 March, 2024

Signature:

