



Ref. Certif. No.

SE-113345

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

Ue = 400V / 500V / 690V; Ie = 7A - 32A
Ui = 690V; Uimp=6kV

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

AF*09**-30-**-*, AF*12**-30-**-*, AF*16**-30-**-*
AF*09**-40-**-*, AF*16**-40-**-*,
AF*09**-22-**-*, AF*16**-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

2308428STO-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: 12 February, 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 AF-range of contactors covered by report:

Ratings:	AC-1		AC-3		AC-3e		AC-4		AC-8a	
AF*09**-30-**-*	690V	25A	≤ 500V	9,5A	≤ 500V	9,5A	≤ 500V	9,5A*	400V	12A
			> 500 ≤690V	7A	> 500 ≤690V	7A	> 500 ≤690V	7A		
AF*09**-30-*S-*	690V	22A	Same as AF09 with screw terminals							
AF*12**-30-**-*	690V	28A	≤ 500V	12,5A	≤ 500V	12,5	≤ 500V	12,5A*	400V	16A
			> 500 ≤690V	9A	> 500 ≤690V	9A	>500 ≤690V	8,4A		
AF*12**-30-*S-*	690V	24A	Same as AF12 with screw terminals							
AF*16**-30-**-*	690V	32A	≤ 500V	18A	≤ 500V	18A	≤ 500V	13A*	400V	22A
			> 500 ≤690V	10,5A	> 500 ≤690V	10,5	>500 ≤690V	8,4A		
AF*16**-30-*S-*	690V	24A	Same as AF16 with screw terminals							
AF*09**-22-**-*	690V	25A								
AF*09**-40-**-*										
AF*16**-22-**-*	690V	32A								
AF*16**-40-**-*										

*Also includes reversing starter contactor

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

Date: 12 February, 2024

Signature: 

Type key:

<u>AF</u>	<u>S</u>	<u>09</u>	<u>Z</u>	<u>B</u>	-	<u>30</u>	-	<u>00</u>	<u>RT</u>	-	<u>13</u>
1	2	3	4	5		6		7	8		9

1 = Name of series

AF = Contactor AF range

2 = Application

"blank" = standard applications

S = contactor for safety application

3 = Size of contactor

09, 12, 16

4 = Type of coil

"blank" = Standard consumption

Z = Low consumption

5 = Type of material

"blank" = Standard material

B = Contactor for railway applications (special raw plastic)

6 = 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

7 = 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)

 05 = 0 NO- and 5 NC-contacts, integrated as 4th pole and mounted as 2nd stack, (only for AFS)

 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

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

 14 = 1 NO- and 4 NC-contacts, Mounted as 2nd stack, (only for AFS)

 22 = 2 NO- and 2 NC-contacts, Mounted as 2nd stack, (also for AFS)

 23 = 2 NO- and 3 NC-contacts, integrated as 4th pole and mounted as 2nd stack, (only for AFS)

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

 32 = 3 NO- and 2 NC-contacts, integrated as 4th pole and mounted as 2nd stack, (also for AFS)

8 = Connection type

"blank" = screw terminals

S = spring terminals

(only contactors with 3 main poles)

K = push in terminals

RT = terminals for ring lugs

9 = Coil configuration

11 = 20-60VDC / 24-60VAC (Standard consumption)

12 = 48-130VAC/VDC (Standard consumption)

13 = 100-250VAC/VDC (Standard consumption)

14 = 250-500VAC/VDC (Standard consumption)

41 = 24-60VAC (Standard consumption)

20 = 12-20VDC (Low consumption)

21 = 20-60VDC / 24-60VAC (Low consumption)

22 = 48-130VAC/VDC (Low consumption)

23 = 100-250VAC/VDC (Low consumption)

30 = 24VDC (Low consumption)

Date: 12 February, 2024

Signature:

