IEC IECEE CB SCHEME		Ref. Certif. No. **SE-96551M1**

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 2 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 = 400V / 500V / 690V, Ie = 7 - 32A.
Trademark (if any)	ABB
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)	See 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	2021525STO-001

This CB Test Certificate is issued by the National Certification Body

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

intertek

Signature:

Date: 28 September, 2020

Leif Mattsson

Factories

ABB France
2 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

Ratings and principal characteristics

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

*Also includes reversing starter contactor
For AFC16-30-**-*: ≤500V, 15A

Date: 28 September, 2020

Signature:

Additional information

Type key:

AF	S	09	Z	B	–	30	–	00	RT	–	13
1	2	3	4	5		6		7	8		9

1 = Name of series
AF = Contactor AF range

2 = Application
"blank" = contactor with electronicically controlled electromagnet
S = contactor for safety application
C = contactor with conventional electromagnet

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 (only contactors with 3 main poles)
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)
80 = 220-230VAC 50Hz / 230-240VAC 60Hz
81 = 24VAC 50Hz/60Hz
84 = 110VAC 50Hz / 110-120VAC 60Hz
86 = 190VAC 50Hz / 220 VAC 60Hz
88 = 230-240VAC 50Hz / 240-260VAC 60Hz

This certificate replaces CB certificate SE-96551, dated 19 December 2019. A new certificate is issued due to an addtional type has been added.

Date: 28 September, 2020 Signature: