



Ref. Certif. No.

SE-70855M1IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**Product
ProduitName and address of the applicant
Nom et adresse du demandeurName and address of the manufacturer
Nom et adresse du fabricantName and address of the factory
Nom et adresse de l'usine
Note: When more than one factory, please report on page 2
Note: Lorsque il y a plus d'une usine, veuillez utiliser la 2^{ème} pageRatings and principal characteristics
Valeurs nominales et caractéristiques principalesTrademark (if any)
Marque de fabrique (si elle existe)Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais
constructeurModel / Type Ref.
Ref. De typeAdditional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à laAs shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

Contactor

ABB France,
3 Rue Jean Perrin, CS 90009,
69687 Chassieu Cedex, FRANCE

Same as applicant

Same as applicant

AF09: AC-3/AC-4: 690V, 7A / AC-8a: 400V, 12A
AF12: AC-3: 690V, 9A / AC-4: 690V, 8.4A / AC-8a: 400V, 16A
AF16: AC-3: 690V, 10.5A / AC-4: 690V, 8.4A / AC-8a: 400V, 22A

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AF09**-30-**-*, AF12**-30-**-*, AF16**-30-**-*

This certificate replaces CB certificate SE-70855, dated 5
November 2012. A new certificate has been issued due to adding
a new variant of coil configuration for supply voltage with
reference 41. See also page 2.

IEC 60947-4-1:2009

1301676-1, 1214262-1, 812100-1, 1113927-1, 916235-1 and
916235-2This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**Intertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00

Date: 13 February 2013

Intertek

Signature:

Bo Berglöv

Ratings and principal characteristics

Rated conditional short-circuit current, $I_q = 3\text{kA}$

Rated insulation voltage, $U_i = 690\text{V}$

Rated impulse withstand voltage $U_{imp} = 6\text{kV}$

Type	AC-1		AC-3		AC-4		AC-8a	
	Ue (V)	Ie (A)	Ue (V)	Ie (A)	Ue (V)	Ie (A)	Ue (V)	Ie (A)
AF09**-30-**-*	690	25	≤ 500 > 500 ≤690	9,5 7	Same as AC-3		400	12
AF09**-30-*S-*	690	22	Same as AF09 with screw terminals					
AF12**-30-**-*	690	28	≤ 500 > 500 ≤690	12,5 9	≤ 500 > 500 ≤690	12,5 8,4	400	16
AF12**-30-*S-*	690	24	Same as AF12 with screw terminals					
AF16**-30-**-*	690	32	≤ 500 > 500 ≤690	18 10,5	≤ 500 > 500 ≤690	13 8,4	400	22
AF16**-30-*S-*	690	24	Same as AF16 with screw terminals					

Type key for products covered by this certificate:

AF09ZB – 30 – 10 RT – 13

1 2 3 4 5 6 7

1 = Name of series and size of contactor

09, 12 or 16

2 = Type of coil (see key no. 7)

"blank" = Standard consumption

Z = Low consumption

3 = Type of material

"blank" = Standard material

B = Contactor for railway applications (special raw plastic)

4 = Number of main contacts

30 = 3 NO- and 0 NC-contacts

5 = Number of auxiliary contacts

10 = 1 NO- and 0 NC-contact (integrated as 4th pole)

01 = 0 NO- and 1 NC-contact (integrated as 4th pole)

22 = 2 NO- and 2 NC-contacts (mounted as 2nd stack)

6 = Characteristic of terminals

"blank" = screw terminals

S = spring terminals

RT = terminals for ring lugs

7 = 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)

20 = 12-20VDC

(Low consumption)

21 = 20-60VDC / 24-60VAC

(Low consumption)

22 = 48-130VAC/VDC

(Low consumption)

23 = 100-250VAC/VDC

(Low consumption)

41 = 24-60VAC

(Standard consumption)

Date: 13 February 2013

Signature: 