



Ref. Certif. No.

SE-70920A1/M2IEC 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
Produit

Contactor relays

Name and address of the applicant
Nom et adresse du demandeurABB France,
3 Rue Jean Perrin, CS 90009,
69687 Chassieu Cedex, FRANCEName and address of the manufacturer
Nom et adresse du fabricant

Same as applicant

Name and address of the factory
Nom et adresse de l'usine

Same as applicant

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 principalesAC-15: 500-690V, 2A / 400-440V, 3A / 240V, 4A / 127V, 6A
DC-13: 600V, 0.1A / 500V, 0.13A / 400V, 0.15A / 250V 0.27A /
125V, 0.55A / 72V, 1A / 48V, 2.8A / 24V, 6A See also page 2Trademark (if any)
Marque de fabrique (si elle existe)**ABB**Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais
constructeur

-

Model / Type Ref.
Ref. De type

NF***E**

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)This certificate replaces CB certificate SE-70920A1/M1, dated 13
February 2013. A new certificate has been issued due to adding
two special contacts, lagging and leading contacts. See also page
2.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 la

IEC 60947-5-1:2003 and A1

As 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 Certificat1301906-1, 1301676-5, 1213960-1, 814267-1, 814267-2,
1223813-1, 1223813-2, 1223813-3, 1223813-4, 1223813-5,
1223813-6, 1223813-7 and 1223813-8This 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**Intertek**

Signature:

Paul Klemets

Date: 18 April 2013

Ratings and principal characteristics

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

Rated insulation voltage $U_i = 690V$

Type	AC-15		DC-13	
	Ue (V)	Ie (A)	Ue (V)	Ie (A)
NF***-E*-*	≤127	6	≤24	6
	>127 ≤ 240	4	>24 ≤ 48	2.8
	>240 ≤ 440	3	>48 ≤ 72	1
	>440 ≤ 690	2	>72 ≤ 125	0,55
			>125 ≤ 250	0,27
			>250 ≤ 400	0,15
			>400 ≤ 500	0,13
			>500 ≤ 600	0,1

Type key for products covered by this certificate:

NF Z B 22 E RT -11

1 2 3 4 5 6 7

1 = Name of series

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

"blank" = Normal power

Z = Low power

3 = Type of material

"blank" = Standard material

B = Contactor for railway applications (special raw plastic)

4 = Number of NO- and NC-contacts (1st and 2nd stack)

22 = 2NO and 2NC (1st stack only)

31 = 3NO and 1NC (1st stack only)

40 = 4NO and 0NC (1st stack only)

33/11 = 3NO and 3 NC / 1NC lagging and 1NO leading

44 = 4NO and 4NC

51/11 = 5NO and 1 NC / 1NC lagging and 1NO leading

53 = 5NO and 3NC

62 = 6NO and 2NC

71 = 7NO and 1NC

80 = 8NO and 0NC

5 = Contact arrangement

E, M or U or "blank" for NF**33/11-* and NF**51/11-*

6 = Characteristic of terminals

"blank" = screw terminals

S = spring terminals

RT = terminals for ring lugs

7 = Coil-configuration

11 = 20-60VDC / 24-60VAC (Normal Power)

12 = 48-130VAC/VDC (Normal Power)

13 = 100-250VAC/VDC (Normal Power)

14 = 250-500VAC/VDC (Normal Power)

20 = 12-20VDC (Low Power)

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

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

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

41 = 24-60VAC (Normal Power)

Date: 18 April 2013

Signature: 