



Ref. Certif. No.

**SE-93051****IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME****CB TEST CERTIFICATE**

Product

Contactor relay

Name and address of the applicant

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

Same as applicant

Ratings and principal characteristics

AC15: 500-690V, 2A / 400-440V, 3A / 240V, 4A / 127V, 6A  
DC13: 600V, 0,1A / 500V, 0,13A / 400V, 0,15A / 250V, 0,27A /  
125V, 0,55A / 72V, 1A / 48V, 4A / 24V, 6A.

Trademark (if any)

**ABB**

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

NF\*\*\*E\*-\*

Additional information (if necessary may also be reported on page 2)

See page 2.

A sample of the product was tested and found to be in conformity with

IEC 60947-5-1:2016

As shown in the Test Report Ref. No. which forms part of this Certificate

1818869STO-001

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB  
Box 1103  
SE-164 22 Kista, Sweden  
Int +46 8 750 00 00

Date: 16 January 2019

**intertek**

Signature:

  
Henrik Wikström



**Additional information (if necessary)**

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:

NF Z B 22 E RT - 13  
1 2 3 4 5 6 7

- 1 = Main designation  
NF Auxiliary contactor NF range
- 2 = Type of coil  
"blank" = Standard consumption  
Z = Low consumption
- 3 = Type of material  
"blank" = Standard material  
B = Contactor for railway applications (special raw plastic)
- 4 = Number of auxiliary 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 3NC / 1NC lagging and 1NO leading
  - 44 = 4NO and 4NC
  - 51/11 = 5NO and 1NC / 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, N or U  
"blank" for NF\*\*33/11 and NF\*\*51/11
- 6 = Connection type  
"blank" = screw terminals  
S = spring terminals  
K = push in 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)
  - 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 for PLC)

This certificate replaces CB certificate SE-89845, dated 7 February 2018. A new certificate is issued due to new edition of the standard and merging of reports.

Date: 16 January 2019

Signature:

