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
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Date: 16 January 2019

intertek

Signature:

Henrik Wikström

AMP

Additional information (if necessary)

Rated impulse withstand voltage Uimp=6kV

Rated insulation voltage Ui=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: