Ref. Certif. No.

SE-93051M2

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Contactor relays
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	See page 2
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 2-3
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	2021528STO-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

Rated impulse withstand voltage Uimp=6kV
Rated insulation voltage Ui=690V
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, 2,8A / 24V, 6A

	AC-15		DC-13	
Type	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

Date: 28 September, 2020

Signature: 

Additional information

Type key:

NF	S	Z	B	22	E	RT–13
1	2	3	4	5	6	7 – 8

1 = Main designation
NF Auxiliary contactor NF range

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

3 = Type of coil
"blank" = Standard consumption
Z = Low consumption

4 = Type of material
"blank" = Standard material
B = Contactor for railway applications (special raw plastic)

5 = Number of auxiliary contacts (1st and 2nd stack)
22 = 2 NO and 2 NC (1st stack only)
31 = 3 NO and 1 NC (1st stack only)
40 = 4 NO and 0 NC (1st stack only)
33/11 = 3 NO and 3 NC / 1 NC lagging and 1 NO leading
44 = 4 NO and 4 NC
51/11 = 5 NO and 1 NC / 1 NC lagging and 1 NO leading
53 = 5 NO and 3 NC
62 = 6 NO and 2 NC
71 = 7 NO and 1 NC
80 = 8 NO and 0 NC

6 = Contact arrangement
E, M, N or U
"blank" for NF**33/11 and NF**51/11

7 = Connection type
"blank" = screw terminals
S = spring terminals
K = push in terminals
RT = terminals for ring lugs

8 = 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)

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-93051M1, dated 18 March 2020. A new certificate is issued due to an additional type has been added.

Date: 28 September, 2020 Signature: