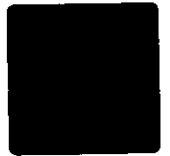




**TYPE APPROVAL CERTIFICATE
N. ELE111713CS**



This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

<i>Description</i>	Moulded case circuit breaker
<i>Type</i>	Compact NSX Series NSX 100, NSX 160, NSX 250, Ver. B, F, N, H, S, L R, HB1, HB2 NSX 400, NSX 630 Ver. F, N, H, S, L, R, HB1, HB2
<i>Applicant</i>	Schneider Electric Industries SAS Partner/ LV- 4-38 QI plant, 31 rue Pierre Mendes France – Eybens 38050 Grenoble Cedex 9 France
<i>Reference Standards</i>	RINA Rules Part C, Ch. 2, Sec. 8

Issued in Genova on **May 20, 2013.**

This certificate is valid until **May 20, 2018**

RINA

Valerio Bonanni

Genova May 20, 2013

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TYPE APPROVAL CERTIFICATE N. ELE111713CS

Product Description

Moulded-case circuit-breakers type **NSX** equipped with thermal-magnetic trip units or electronic trip units.

General features:

Rated frequency: 50/60 Hz.

Number of poles: 3, 4.

Rated operational voltage (Ue).

Utilization Category: A

Insulation voltage Ui : 800V

Suitable for insulation: yes

NSX 100, NSX 160, NSX 250 - Version B, F, N, H, S, L.

(*) Rated operational current (Ie) at 40°C: 63A to 250A

NSX100 B / NSX160 B / NSX250 B

Ue (V)	Ics (kA)	Icu (kA)
220/240	40	40
380/415	25	25
440	20	20

NSX100 F / NSX160 F / NSX250 F

Ue (V)	Ics (kA)	Icu (kA)
220/240	85	85
380/415	36	36
440	35	35

NSX100 N / NSX160 N / NSX250 N

Ue (V)	Ics (kA)	Icu (kA)
220/240	90	90
380/415	50	50
440	50	50

NSX100 H / NSX160 H / NSX250 H

Ue (V)	Ics (kA)	Icu (kA)
220/240	100	100
380/415	70	70
440	65	65

NSX100 S / NSX160 S / NSX250 S

Ue (V)	Ics (kA)	Icu (kA)
220/240	120	120
380/415	100	100
440	90	90

NSX100 L / NSX160 L / NSX250 L

Ue (V)	Ics (kA)	Icu (kA)
220/240	150	150
380/415	150	150
440	130	130

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NSX 100, NSX 160, NSX 250 - Version R, HB1, HB2

(*) Rated operational current (Ie) at 40°C: 40A to 250A

NSX100 R / NSX160 R / NSX250 R

Ue (V)	Ics (kA)	Icu (kA)
220/240	200	200
380/415	200	200
440	200	200
500	80	80
525	65	65
660 / 690	45	45

NSX100 HB1 / NSX160 HB1 / NSX250 HB1

Ue (V)	Ics (kA)	Icu (kA)
500	85	85
525	80	80
660 / 690	75	75

NSX100 HB2 / NSX160 HB2 / NSX250 HB2

Ue (V)	Ics (kA)	Icu (kA)
500	100	100
525	100	100
660 / 690	100	100

Overcurrent protective devices:

With electronic trip unit Micrologic 2.2, 2.2M, 5.2A, 5.2E, 6.2A, 6.2E, 6.2E-M,

or with magnetic trip unit MA

or with thermal – magnetic trip unit TMD

NSX 400, NSX 630 - Version F, N, H, S, L.

(*) Rated operational current (Ie) at 40°C: 400A to 630A

NSX400 F / NSX630 F

Ue (V)	Ics (kA)	Icu (kA)
220/240	40	40
380/415	36	36
440	30	30
500	25	25
525	10	20
660 / 690	10	10

NSX400 N / NSX630 N

Ue (V)	Ics (kA)	Icu (kA)
220/240	85	85
380/415	50	50
440	42	42
500	30	30
525	11	22
660 / 690	10	10

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NSX400 H / NSX630 H

Ue (V)	Ics (kA)	Icu (kA)
240	100	100
380/415	70	70
440	65	65
500	50	50
525	11	35
660 / 690	10	20

NSX400 S / NSX630 S

Ue (V)	Ics (kA)	Icu (kA)
220/240	120	120
380/415	100	100

NSX400 L / NSX630 L

Ue (V)	Ics (kA)	Icu (kA)
220/240	150	150
380/415	150	150

NSX 400, Version R, HB1, HB2

(*) Rated operational current (Ie) at 40°C: 400A

NSX400 R

Ue (V)	Ics (kA)	Icu (kA)
220/240	200	200
380/415	200	200
440	200	200
500	80	80
525	65	65
660 / 690	45	45

NSX400 HB1

Ue (V)	Ics (kA)	Icu (kA)
500	85	85
525	80	80
660 / 690	75	75

NSX400 HB2

Ue (V)	Ics (kA)	Icu (kA)
500	100	100
525	100	100
660 / 690	100	100

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NSX 630 - Version R, HB1, HB2

(*) Rated operational currents (In) at 40°C: Ir 225A to 500A Ir 501A to 630A

NSX630 R Ir 225A to 500A

Ue (V)	Ics (kA)	Icu (kA)
220/240	200	200
380/415	200	200
440	200	200
500	80	80
525	65	65
660 / 690	45	45

NSX630 HB1 Ir 225A to 500A

Ue (V)	Ics (kA)	Icu (kA)
500	85	85
525	80	80
660 / 690	75	75

NSX630 HB2 Ir 225 to 500A

Ue (V)	Ics (kA)	Icu (kA)
500	100	100
525	100	100
660 / 690	100	100

NSX630 R Ir 501A to 630A

Ue (V)	Ics (kA)	Icu (kA)
220/240	200	200
380/415	200	200
440	200	200
500	80	80
660/690	/	45

NSX630 HB1 Ir 501A to 630A

Ue (V)	Ics (kA)	Icu (kA)
500	85	85
525	/	80
660 / 690	/	75

NSX630 HB2 Ir 501A to 630A

Ue (V)	Ics (kA)	Icu (kA)
500	100	100
525	/	100
660 / 690	/	100

Overcurrent protective devices:

With electronic trip unit *Micrologic* 1.3M, 2.3, 2.3M, 5.3A, 5.3E, 6.3A, 6.3E, 6.3E-M

Note:

Ics = Rated service short circuit breaking capacity; Icu = Rated ultimate short circuit breaking capacity
Icm = Rated short circuit making capacity (**)

(*) A derating of the rated current is to be considered with an ambient temperature of 45°C according to the SCHNEIDER Catalogue n° ART834519 Ed. 2008.

(**) Icm (kA) in accordance with Standard IEC 60947-2, Tab. 2.

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TYPE APPROVAL CERTIFICATE N. ELE111713CS

ASEFA Certificates of conformity

(NSX100- NSX160 - NSX250: B F N H S L) (NSX400 - NSX630: F N H S L)

n° 006-09BT (27.02.2009); n° 021a-08BT (19.12.2008); n° 025a-08BT (19.12.2008); n° 027a-08BT (19.12.2008);
n° 030a-08BT (19.12.2008); n° 033a-08BT (19.12.2008); n° 036a-08BT (19.12.2008); n° 015-08BT (22.04.2008);
n° 05c-08BT (27.02.2009); n° 068c-08BT (11.03.2009); n° 139a-08BT (27.02.2009); n° 139a-09BT (27.02.2009);
n° 007-09BT (11.03.2009); n° 008-09BT (11.03.2009); n° 079b-08BT (11.03.2009); n° 080b-08BT (11.03.2009);
n° 081b-08BT (11.03.2009); n° 095b-08BT (11.03.2009); n° 010-09BT (11.03.2009); n° 093b-08BT (11.03.2009);
n° 094b-08BT (11.03.2009); n° 009-09BT (11.03.2009); n° 08a-08BT (27.02.2009); n° 136-08BT (26.09.2008);
n° 142a-08BT (11.03.2009); n° 20-08BT (18.12.2008); Test report: F01 200800129_V2_014 (05.12.2008).

L2E Laboratory Test Reports (NSX 100 – NSX 160 – NSX 250 : R, HB1, HB2)

n° 201200923_001 (08/02/2013); n° 201200923_002 (27/02/2013); n° 201200923_003 (14/01/2013)
n° 201200923_004 (17/12/2012); n° 201200923_005 (07/02/2013); n° 201200923_006 (31/01/2013)
n° 201200923_007 (21/01/2013); n° 201200923_008 (12/02/2012); n° 201200923_009 (14/01/2013)

ASEFA Certificates of conformity (NSX 100 – NSX 160 – NSX 250 : R, HB1, HB2)

n° 026-13BT (13/03/2013); 021-13BT (14/03/2013); n° 022-13BT (14/03/2013); n° 023-13BT (14/03/2013);
024-13BT (14/03/2013); n° 025-13BT (14/03/2013); n° 02-13BT (14/03/2013)

L2E Laboratory Test Reports (NSX 400 – NSX630 : R, HB1, HB2)

n° 201200923_010 (25/02/2013); n° 201200923_011 (01/15/2013); n° 201200923_012; (01/07/2013)
n° 201200923_013 (01/17/2013); n° 201200923_014 (01/08/2013); n° 201200923_015; (01/07/2013)
n° 201200923_016 (01/11/2013)

ASEFA Certificates (NSX 400 – NSX630 : R, HB1, HB2)

n° 028-13BT (13/03/2013); 03-13BT (14/03/2013); 011a-13BT (20/03/2013); 015a-13BT (20/03/2013);
n° 009a-13BT (20/03/2013); n° 013a-13BT (20/03/2013);

Remarks

Type Approval certifies that a representative sample of the product has been found to meet the applicable design criteria.

In the case the Manufacturer intends to modify a certified product, the Society is to be informed on all the contemplated modifications.

Circuit Breakers with nominal current greater than 100A are subject to Final Inspection/Final Test of the Society.

Places of Manufacturer

Location Name	Address	Products manufactured
SCHNEIDER ELECTRIC INDUSTRIES POLSKA Sp z o.o.	ul. Mostowa 19 32-332 Bukowno, Poland	- Compact NSX 100-250A
SCHNEIDER ELECTRIC INDUSTRIE ITALIA S.P.A	corso italia, 115 I-80020 Casavatore (Napoli) Italy	- Compact NSX 400-630A
SCHNEIDER (BEIJING) MEDIUM & LOW VOLTAGE Co., Ltd	No 2, Liang Shui He 2nd Street Beijing Economic Technological Development Area Beijing 100176, P.R.China	- Compact NSX 100-250A - Compact NSX 400-630A

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