



Ref. Certif. No.

FR_711871/A1

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

CB TEST CERTIFICATE

Product

Moulded-case circuit-breaker

Name and address of the applicant

SCHNEIDER ELECTRIC INDUSTRIES SAS
1884 Boulevard de la Défense
92000 Nanterre France

Name and address of the manufacturer

SCHNEIDER ELECTRIC INDUSTRIES SAS
1884 Boulevard de la Défense
92000 Nanterre France

Name and address of the factory

Note: When more than one factory, please report on page 2

☒ Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

ComPacT NSX100R, NSX100HB1, ComPacT NSX100HB2,
ComPacT NSX250R, ComPacT NSX250HB1,
ComPacT NSX250HB2

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

Supersedes CBTC FR_711871/M1 dated 28/10/2021.
Change name and addressee of licence holder
Change the list of factories

☐ Additional Information on page 2

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

IEC 60947-1:2007 +A1:2010 +A2:2014
IEC 60947-2:2016 +A1:2019

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

2011990036, 2011990036-A1
B260106

This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 28/07/2026

Signature: **Julien GAUTHIER**

Certification Officer



ANNEX

Name and address of the factories:**SCHNEIDER (BEIJING) LOW VOLTAGE Co., Ltd**

No 2, Liang Shui He 2nd Street, Beijing Economic Technological Development area
100176 BEIJING - China

SCHNEIDER ELECTRIC ALPES

Zone d'activités Alpespace, Rue Isaac Newton
73800 Porte-de-Savoie - France

SCHNEIDER ELECTRIC POLSKA Sp. z o.o.

Oddział w Bukownie
ul. Mostowa 19
32-332 Bukowno
Poland



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ANNEX

References, ratings and main characteristics:

Selectivity category	A
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Independent manual
Suitability for isolation	Suitable
Provision for maintenance	Non-maintainable
Method of installation	Fixed
Protection degree :	IP40 for front cover
Type of release (thermo-magnetic / electronic)	Thermo-magnetic(TMD) Electronic (MicroLogic 2.2/5.2E/6.2E)
Rated operational voltage U_e : (V)	R type: AC220/240V,380/415V,440V, 500V,525V 660/690V; HB1 type: AC500V,525V,660/690V HB2 type:AC500V,525V,660/690V
Rated insulation voltage U_i : (V)	800V
Rated impulse withstand voltage U_{imp} : (kV)	8kV
Rated current I_n : (A)	R type: 40A,50A,63A,80A,100A,125A,160A,200A,250A (TMD trip unit) 40A,100A,160A,250A (Electronic) HB1,HB2 type: 63A,80A,100A,125A,160A,200A,250A(TMD trip unit) 40A,100A,160A,250A (Electronic)
Conventional free air thermal current I_{th} : (A)	Equal to I_n
Conventional enclosed thermal current I_{the} : (A)	N/A
Rated current for four pole circuit-breakers : (A)	Equal to I_n
Nature of supply :	AC
Rated frequency : (Hz)	50/60Hz
Number of protected poles :	3P,4P
Rated duty	Uninterrupted duty
Rated short-time making capacity I_{cm} : (A)	NSX100R, NSX250R: 220kA (AC220/240V), 220kA (AC380/415V), 220kA (AC440V), 176kA (AC500V), 143kA (AC525V), 94,5kA (AC660/690V) NSX100HB1, NSX250HB1: 187kA (AC500V), 176kA (AC525V), 165kA (AC660/690V) NSX100HB2, NSX250HB2: 220kA (AC500V), 220kA (AC525V), 220kA (AC660/690V)
Rated ultimate short-circuit breaking capacity I_{cu} : (kA)	NSX100R, NSX250R: 200kA (AC220/240V), 200kA (AC380/415V), 200kA (AC440V), 80kA (AC500V), 65kA (AC525V), 45kA (AC660/690V) NSX100HB1, NSX250HB1: 85kA (AC500V), 80kA (AC525V), 75kA (AC660/690V) NSX100HB2, NSX250HB2: 100kA (AC500V), 100kA (AC525V), 100kA (AC660/690V)
Rated service short-circuit breaking capacity I_{cs} : (kA)	100% I_{cu}
Rated short-time withstand current I_{cw} : (kA)	N/A



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Reference ambient calibration air temperature : (°C)	40°C for TMD
Electromagnetic compatibility :	A
Pollution degree	3
Material group :	IIIa
safety distance (short-circuit tests) :	Up/down: 0mm Left/right: 0mm Front/back: 0mm
Undervoltage release:	MN From 24V AC to 525V AC From 12V DC to 250V DC
Shunt release:	MX From 24V AC to 525V AC From 12V DC to 250V DC



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