



Ref. Certif. No.

FR_711871/M1

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
35, rue Joseph Monier
92500 RUEIL-MALMAISON
FRANCE

Name and address of the manufacturer

SCHNEIDER ELECTRIC INDUSTRIES SAS
35, rue Joseph Monier
92500 RUEIL-MALMAISON
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, ComPacT NSX100HB1
ComPacT NSX100HB2
ComPacT NSX250R, ComPacT NSX250HB1
ComPacT NSX250HB2

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

Supersedes CBTC FR_711871 dated 05/08/2021. Change or modification of the design

Additional Information on page 2

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

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

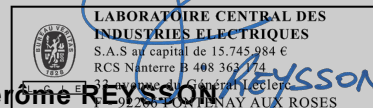
As shown in the Test Report Ref. No. which forms part of this Certificate

2011990036, 2011990036-A1

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



Signature: Jérôme REYSSON
Certification Officer

Date: 28/10/2021

IEC

TECEE

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ANNEX

Name and address of the factories:

SCHNEIDER (BEIJING) MEDIUM & LOW VOLTAGE Co., Ltd

No 2, Liang Shui He 2nd Street, Beijing Economic Technological Development area
100176 BEIJING – CHINA

SCHNEIDER ELECTRIC Alpes

Voie Isaac Newton ZI Alpespace
73800 Francin - FRANCE

SCHNEIDER ELECTRIC INDUSTRIES POLSKA Sp z.o.o.

ul. MOSTOWA 19, 32-332 BUKOWNO - POLAND

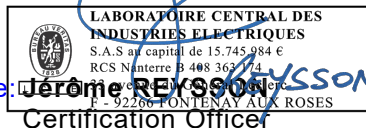


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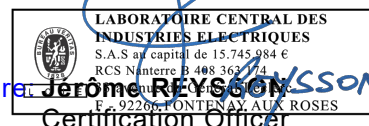
ANNEX

Utilization 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} : (kA)	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
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 24 V AC to 525 V AC From 12 V DC to 250 V DC
Shunt release :	MX From 24 V AC to 525 V AC From 12 V DC to 250 V DC



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