



Ref. Certif. No.

FR_711870

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 NSX100B, NSX100F, NSX100N, NSX100H, NSX100S, NSX100L
ComPacT NSX160B, NSX160F, NSX160N, NSX160H, NSX160S, NSX160L
ComPacT NSX250B, NSX250F, NSX250N, NSX250H, NSX250S, NSX250L

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

Supersedes CBTC FR_705949/M1 dated 27/04/2020.
Change or modification of the design
Addition of factory(ies)
Update further to the evolution of the standard(s)
Change of Manufacturer

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

2011990033

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: 05/08/2021



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 263 174
33 avenue du Général Leclerc
F - 92266 FONTENAY AUX ROSES

Signature:
Julien Gauthier
Certification Officer

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

Schneider Electric India Pvt Ltd

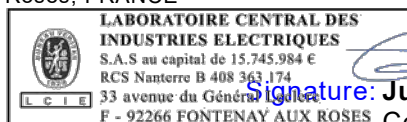
 SURVEY NO 215, GAGILLAPUR VILLAGE, MEDAK ROAD, RANGAREDDY DISTRICT,
500 043 HYDERABAD (A.P.) - INDIA

References, ratings and main characteristics:

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, plug in, withdrawable
Protection degree :	IP40 for front cover
Type of release (thermo-magnetic / electronic)	TMD, MA, Electronic (Micrologic 2.2, Micrologic 2.2M)
Rated operational voltage U_e : (V)	F/N/H/S/L types: AC220/240V, 380/415V, 440V, 500V, 525V, 660/690V B types: AC220/240V, 380/415V, 440V, 500V
Rated insulation voltage U_i : (V)	800V
Rated impulse withstand voltage U_{imp} : (kV)	8kV
Rated current I_n : (A)	16/25/32/40/50/63/80/100/125/160/200/250A(TMD trip unit) 2,5/6,3/12,5/25/50/100/150/220A(MA trip unit) 40/100/160/250A (Micrologic 2.2) 25/50/100/150/220A(Micrologic 2.2M)
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 :	2P(circuit breaker in 3P case), 3P, 4P (Distribution protection) 3P (motor protection)
Rated duty	uninterrupted duty


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 Signature:  **Julien Gauthier**
Certification Officer

Date: 05/08/2021

ANNEX

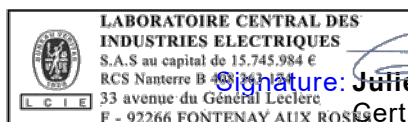
References, ratings and main characteristics:

Rated ultimate short-circuit breaking capacity I_{cu} : (A)	<p>NSX100/160/250B: 40kA/ AC220/240V, 25kA/AC380/415V, 20kA/AC440V, 15kA/AC500V,</p> <p>NSX100/160/250F: 85kA/AC220/240V, 36kA/AC380/415V, 35kA/AC440V, 25kA/AC500V, 22kA/AC525V, 8kA/AC660/690V</p> <p>NSX100/160/250N: 90kA/AC220/240V, 50kA/ AC380/415V, 50kA/AC440V, 36kA/ AC500V, 35kA /AC525V, 10kA/AC660/690V</p> <p>NSX100/160/250H: 100kA/AC220/240V, 70kA/AC380/415V, 65kA/AC440V, 50kA/AC500V, 35kA/AC525V, 10kA/AC660/690V</p> <p>NSX100/160/250S: 120kA/AC220/240V, 100kA/ AC380/415V, 90kA/AC440V, 65kA/AC500V, 40kA /AC525V, 15kA/ AC660/690V</p> <p>NSX100/160/250L: 150kA/AC220/240V, 150kA/ AC380/415V, 130kA/AC440V, 70kA/AC500V, 50kA/AC525V, 20kA/AC660/690V</p>
Rated service short-circuit breaking capacity I_{cs} : (A)	<p>NSX100B: 40kA /AC220/240V, 25kA /AC380/415V, 20kA /AC440V, 7kA /AC500V</p> <p>NSX160/250B: 40kA/ AC220/240V, 25kA/ AC380/415V, 20kA/ AC440V, 15kA/AC500V</p> <p>NSX100F: 85kA /AC220/240V, 36kA /AC380/415V, 35kA /AC440V, 12kA /AC500V, 11kA/AC525V, 4kA/AC660/690V</p> <p>NSX160/250F: 85kA/ AC220/240V, 36kA/ AC380/415V, 35kA/ AC440V, 30kA/AC500V, 22kA/AC525V, 8kA/AC660/690V</p> <p>NSX100/160/250N: 90kA/ AC220/240V, 50kA/ AC380/415V, 50kA/ AC440V, 36kA/AC500V, 35kA/AC525V, 10kA/AC660/690V</p> <p>NSX100/160/250H: 100kA/AC220/240V, 70kA/AC380/415V, 65kA/AC440V, 50kA/ AC500V, 35kA/AC525V, 10kA/AC660/690V</p> <p>NSX100/160/250S: 120kA/AC220/240V, 100kA/AC380/415V, 90kA/AC440V, 65kA/AC500V, 40kA/AC525V, 15kA/ AC660/690V</p> <p>NSX100/160/250L: 150kA/AC220/240V, 150kA/AC380/415V, 130kA/AC440V, 70kA/AC500V, 50kA/AC525V, 20kA/AC660/690V</p>
Rated short-time withstand current I_{cw} : (A)	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



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