



Ref. Certif. No.

FR_711869/M2

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 NSX400F, ComPacT NSX400N,
ComPacT NSX400H, ComPacT NSX400S,
ComPacT NSX400L, ComPacT NSX630F,
ComPacT NSX630N, ComPacT NSX630H
ComPacT NSX630S, ComPacT NSX630L

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

Supersedes CBTC FR_711869/M1 dated 29/10/2021. Technical modification

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

2011990035, 2011990035-A1, 2011990035-M2

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: 22/12/2021

Signature: **Didier BOURGES**
Manager of Certification Operations



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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

Schneider Electric India Pvt Ltd

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



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ANNEX
References, ratings and main characteristics:

<i>Utilization category</i>	A
<i>Interruption medium</i>	Air
<i>Design</i>	Moulded case
<i>Method of controlling the operating mechanism</i>	Independent manual
<i>Suitability for isolation</i>	Suitable
<i>Provision for maintenance</i>	Non-maintainable
<i>Method of installation</i>	Fixed
<i>Protection degree :</i>	IP40 for front cover
<i>Type of release (thermo-magnetic / electronic)</i>	Electronic Micrologic2.3, 5.3B, 5.3B LS, 5.3B LI, 5.3B SI, 5.3A, 5.3E, 6.3A, 6.3E for distribution protection Micrologic2.3M for motor protection
<i>Rated operational voltage U_e : (V)</i>	AC220/240V,380/415V,440V,500V,525V, 660/690V
<i>Rated insulation voltage U_i : (V)</i>	800V
<i>Rated impulse withstand voltage U_{imp} : (kV)</i>	8kV
<i>Rated current I_n : (A)</i>	NSX400F/N/H/S/L: 250A,400A for distribution protection (Micrologic2.3, 5.3B, 5.3B LS, 5.3B LI, 5.3B SI, 5.3A, 5.3E, 6.3A, 6.3E) 320A for motor protection (Micrologic 2.3M) NSX630F/N/H/S/L: 630A for distribution protection (Micrologic2.3, 5.3B, 5.3B LS, 5.3B LI, 5.3B SI, 5.3A, 5.3E, 6.3A, 6.3E) 500A for motor protection (Micrologic 2.3M)
<i>Conventional free air thermal current I_{th} : (A)</i>	Equal to I _n
<i>Conventional enclosed thermal current I_{the} : (A)</i>	N/A
<i>Rated current for four pole circuit-breakers : (A)</i>	Equal to I _n
<i>Nature of supply :</i>	AC
<i>Rated frequency : (Hz)</i>	50/60Hz
<i>Number of protected poles :</i>	3P, 4P for Distribution protection 3P for Motor protection
<i>Rated duty</i>	uninterrupted duty
<i>Rated short-time making capacity: I_{cm} (kA)</i>	F type: 84kA /AC220/240V,75,6kA /AC380/415V, 63kA/AC440V, 52,5kA/AC500V, 40kA/AC525V, 17kA /AC660/690V ; N type: 187kA /AC220/240V , 105kA /AC380/415V,88,2kA/AC440V, 63kA/AC500V, 46,2kA/AC525V,17kA /AC660/690V ; H type: 220kA /AC220/240V , 154kA /AC380/415V,143kA/AC440V, 105kA/AC500V, 46,2kA/AC525V,40kA /AC660/690V S type: 264kA /AC220/240V , 220kA /AC380/415V,198kA/AC440V, 143kA/AC500V, 84kA/AC525V,52,5kA /AC660/690V L type: 330kA /AC220/240V , 330kA /AC380/415V,286kA/AC440V, 154kA/AC500V, 105kA/AC525V,73,5kA /AC660/690V



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Rated ultimate short-circuit breaking capacity I_{cu} : (kA)	<u>F type:</u> 40kA /AC220/240V,36kA /AC380/415V, 30kA/AC440V, 25kA/AC500V, 20kA/AC525V, 10kA /AC660/690V ; <u>N type:</u> 85kA /AC220/240V, 50kA /AC380/415V,42kA/AC440V, 30kA/AC500V, 22kA/AC525V, 10kA /AC660/690V ; <u>H type:</u> 100kA /AC220/240V ,70kA /AC380/415V,65kA/AC440V, 50kA/AC500V, 35kA/AC525V,20kA /AC660/690V <u>S type:</u> 120kA /AC220/240V ,100kA /AC380/415V,90kA/AC440V, 65kA/AC500V, 40kA/AC525V,25kA /AC660/690V <u>L type:</u> 150kA /AC220/240V ,150kA /AC380/415V,130kA/AC440V, 70kA/AC500V, 50kA/AC525V,35kA /AC660/690V
Rated service short-circuit breaking capacity I_{cs} : (kA)	<u>F type:</u> 40kA /AC220/240V,36kA /AC380/415V, 30kA/AC440V, 25kA/AC500V, 10kA/AC525V, 10kA /AC660/690V ; <u>N type:</u> 85kA /AC220/240V, 50kA /AC380/415V,42kA/AC440V, 30kA/AC500V, 11kA/AC525V,10kA /AC660/690V ; <u>H type:</u> 100kA /AC220/240V ,70kA /AC380/415V, 65kA/AC440V, 50kA/AC500V, 11kA/AC525V, 10kA /AC660/690V <u>S type:</u> 120kA /AC220/240V ,100kA /AC380/415V,90kA/AC440V, 65kA/AC500V, 12kA/AC525V,12kA /AC660/690V <u>L type:</u> 150kA /AC220/240V ,150kA /AC380/415V,130kA/AC440V, 70kA/AC500V,12kA/AC525V,12kA /AC660/690V
Rated short-time withstand current I_{cw} : (A)	N/A
Reference ambient calibration air temperature : (°C)	N/A
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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