



Ref. Certif. No.

FR_712064/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

CTF2

Model / Type Ref.

ComPacT NSX400K

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

Supersedes CBTC FR_712064/A1 dated 22/09/2021.
- Modification of the design and assessment of electronic trip unit MicroLogic 2.3 VS.
- Update of the factory name.

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

17865624-786250
168990-755907

This CB Test Certificate is issued by the National Certification Body



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



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 363 174
33 avenue du Général Leclerc
F - 92266 FONTENAY AUX ROSES

Signature:
Julien GAUTHIER
Certification Officer

Date: 22/03/2024

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

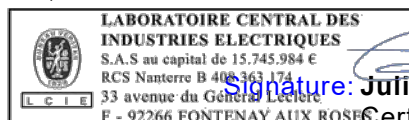
SCHNEIDER ELECTRIC Alpes

Voie Isaac Newton ZI Alpespace
73800 Francin
FRANCE



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LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
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Date: 22/03/2024

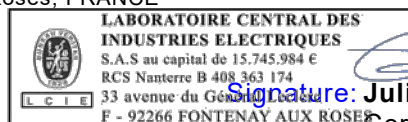
Signature: **Julien GAUTHIER**
Certification Officer

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 |
| Type of release (thermo-magnetic / electronic) | Electronic |
| Protection degree : | IP40 for front cover |
| Circuit-breakers for use in IT systems | Yes |
| Rated operational voltage U_e : (V) | AC800V, AC1000V |
| Rated insulation voltage U_i : (V) | 1000V |
| Rated impulse withstand voltage U_{imp} : (kV) | 8kV |
| Rated current I_n : (A) | NSX400K: 250 A, 400 A for Distribution protection (MicroLogic 2.3) 400 A for Distribution protection (MicroLogic 2.3 VS) |
| 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) | 250 A, 400 A (MicroLogic 2.3) |
| Rated frequency : (Hz) | 50/60Hz |
| Nature of supply : | AC |
| Total number of poles : | 3P, 4P (MicroLogic 2.3) 3P (MicroLogic 2.3 VS) |
| Number of protected poles : | 3P, 4P (MicroLogic 2.3) 3P (MicroLogic 2.3 VS) |
| Rated duty | Uninterrupted duty |
| Rated short-time making capacity I_{cm} : (A) | 75kA (800V), 17kA (1000V) |
| Rated ultimate short-circuit breaking capacity I_{cu} : (A) | 36kA (800V), 10kA (1000V) |
| Rated service short-circuit breaking capacity I_{cs} : (A) | 10kA (800V), 10kA (1000V) |
| Rated short-time withstand current I_{cw} : (A) | N/A |
| Electromagnetic compatibility | A |
| Reference ambient calibration air temperature : (°C) | N/A |
| Pollution degree | 3 |
| Material group : | IIIa |
| safety distance (short-circuit tests) : | Up/down: 0mm Left/right: 50mm Front/back: 0mm |
| Shunt release: | MX From 24 Va.c. to 525 Va.c. From 12 Vd.c. to 250 Vd.c. |
| Undervoltage release: | MN From 24 Va.c. to 525 Va.c. From 12 Vd.c. to 250 Vd.c. |
| Auxiliary circuits: | OF, SD, SDE From 24 Va.c. to 690 Va.c. From 24 Vd.c. to 250 Vd.c. |



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