



Ref. Certif. No.

FR\_711873/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 NSX400R, ComPacT NSX400HB1  
ComPacT NSX400HB2  
ComPacT NSX630R, ComPacT NSX630HB1  
ComPacT NSX630HB2

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

Supersedes CBTC FR\_711873 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

2011990037, 2011990037-A1

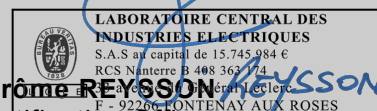
This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
33 avenue du Général Leclerc  
92260 Fontenay-aux-Roses, FRANCE  
[www.lcie.fr](http://www.lcie.fr)

Date: 28/10/2021

Signature: Jérôme REYSSON  
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



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Date: 28/10/2021

Signature: Jérôme REISSON



## 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)                  | Electronic (Micrologic 2.3/5.3E/6.3E/2.3M)   |
| Rated operational voltage $U_e$ : (V)                           | R type: AC220/240, 380/415V, 440V, 500V, 525V, 660/690V<br>HB1 type: AC500V, 525V, 660/690V<br>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)                                       | NSX400R/HB1/HB2:<br>250A, 400A for distribution protection<br>320A for motor protection<br>NSX630R/HB1/HB2:500A for motor protection   |
| 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 for Distribution protection<br>3P for Motor protection  |
| Rated duty  | uninterrupted duty   |
| Rated short-time making capacity $I_{cm}$ : (A)                 | R type :<br>220kA/AC220/240V, 220kA/AC380/415V, 220kA/AC440V,<br>176kA/AC500V, 143kA/AC525V, 94,5kA/AC660/690V<br>HB1 type :<br>187kA/AC500V, 176kA/AC525V, 165kA/AC660/690V<br>HB2 type :220kA/AC500V, 220kA/AC525V, 220kA/AC660/690V |
| Rated ultimate short-circuit breaking capacity $I_{cu}$ : (A)   | R type:<br>200kA/AC220/240V, 200kA/AC380V/415V,<br>200kA/AC440V, 80kA/AC500V, 65kA/AC525V<br>45kA/AC660/690V<br>HB1 type: 85kA/AC500V, 80kA/525VAC, 75kA/AC660/690V<br>HB2 type: 100kA/AC500V, 100kA/AC525V,<br>100kA/AC660/690V       |
| Rated service short-circuit breaking capacity $I_{cs}$ : (A)    | 100% $I_{cu}$  |
| Rated short-time withstand current $I_{cw}$ : (A)               | N/A  |
| Reference ambient calibration air temperature : ( $^{\circ}$ C) | N/A  |
| Electromagnetic compatibility :                                 | A  |
| Pollution degree  | 3  |
| Material group :  | IIIa   |
| safety distance (short-circuit tests) :                         | Up/down: 0mm<br>Left/right: 0mm<br>Front/back: 0mm   |
| Undervoltage release  | MN<br>From 24 V AC to 525 V AC<br>From 12 V DC to 250 V DC   |
| Shunt release :   | MX<br>From 24 V AC to 525 V AC<br>From 12 V DC to 250 V DC   |



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