



Ref. Certif. No.

FR\_712928

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

**SCHNEIDER ELECTRIC USA INC**  
4800 Paris Road,  
COLUMBIA, MO 65202-9396  
UNITED STATES

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 NS630b N, 800 N, 1000 N, 1250 N, 1600 N  
ComPacT NS630b H, 800 H, 1000 H, 1250 H, 1600 H  
ComPacT NS630b L, 800 L, 1000 L  
ComPacT NS630b R, 800 R  
Manually operated  
Equipped with Micrologic trip-unit 2.0/5.0/ 6.0; 2.0A/5.0A/  
6.0A/7.0A ; 2.0E/5.0E/ 6.0E/7.0E ; 5.0P/ 6.0P/7.0P

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

☐ 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

2011990012  
2011990012-A1  
2011990013A  
2011990013B  
2111990020

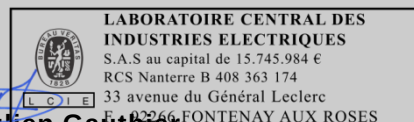
This CB Test Certificate is issued by the National Certification Body



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

Date: 20/01/2022

Signature:   
Certification Officer



## ANNEX

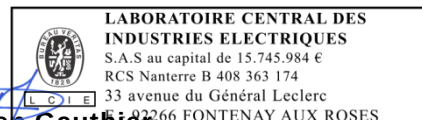
### References, ratings and main characteristics:

| Models           | Rated current (In) | Models           | Rated current (In) |
|------------------|--------------------|------------------|--------------------|
| ComPacT NS630b N | 630A               | ComPacT NS800 N  | 800A               |
| ComPacT NS1000 N | 1000A              | ComPacT NS1250 N | 1250A              |
| ComPacT NS1600 N | 1600A              |                  |                    |
| ComPacT NS630b H | 630A               | ComPacT NS800 H  | 800A               |
| ComPacT NS1000 H | 1000A              | ComPacT NS1250 H | 1250A              |
| ComPacT NS1600 H | 1600A              |                  |                    |
| ComPacT NS630b L | 630A               | ComPacT NS800 L  | 800A               |
| ComPacT NS1000 L | 1000A              |                  |                    |
| ComPacT NS630b R | 630A               | ComPacT NS800 R  | 800A               |

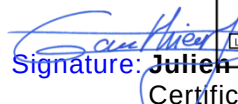
|                                                           |                                                                                                                       |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Selectivity category</b>                               | B for N and H type<br>A for L and R type                                                                              |
| <b>Interruption medium</b>                                | Air                                                                                                                   |
| <b>Design</b>                                             | Moulded case                                                                                                          |
| <b>Method of controlling the operating mechanism</b>      | Independent manual                                                                                                    |
| <b>Suitability for isolation</b>                          | Suitable                                                                                                              |
| <b>Provision for maintenance</b>                          | Non-maintainable                                                                                                      |
| <b>Method of installation</b>                             | Fixed & withdrawable                                                                                                  |
| <b>Type of release :</b>                                  | Electronic<br>Micrologic trip-unit 2.0/5.0/ 6.0; 2.0A/5.0A/ 6.0A/7.0A ;<br>2.0E/5.0E/ 6.0E/7.0E ; 5.0P/ 6.0P/7.0P     |
| <b>Rated operational voltage Ue : (V)</b>                 | N, H and R type:<br>AC220/240V, 380/415V, 440V, 500/525V, 660/690V<br>L type:<br>AC220/240V, 380/415V, 440V, 500/525V |
| <b>Rated insulation voltage Ui : (V)</b>                  | 1000V                                                                                                                 |
| <b>Rated impulse withstand voltage Uimp : (kV)</b>        | 8kV                                                                                                                   |
| <b>Rated current In : (A)</b>                             | See above table                                                                                                       |
| <b>Conventional free air thermal current Ith : (A)</b>    | Equal to In                                                                                                           |
| <b>Rated current for four pole circuit-breakers : (A)</b> | Equal to In                                                                                                           |
| <b>Rated frequency : (Hz)</b>                             | 50/60Hz                                                                                                               |
| <b>Nature of supply :</b>                                 | AC                                                                                                                    |
| <b>Total number of poles :</b>                            | 3P,4P                                                                                                                 |
| <b>Rated duty</b>                                         | uninterrupted duty                                                                                                    |



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**Rated short-time making capacity  $I_{cm}$  : (kA)**

N type:  
187kA/AC220/240V, 105kA/AC380/415V,  
105kA /AC440V, 84kA/AC500/525V,  
63kA/AC660/690V  
H type:  
187kA/AC220/240V, 154kA/AC380/415V,  
143kA /AC440V, 105kA/AC500/525V,  
88,2kA/AC660/690V  
L type:  
330kA/AC220/240V, 330kA/AC380/415V,  
286kA /AC440V, 220kA/AC500/525V  
R type:  
440kA/AC220/240V, 440kA/AC380/415V,  
440kA/AC440V, 220kA/AC500/525V, 165kA/AC660/690V

**Rated ultimate short-circuit breaking capacity  $I_{cu}$  : (kA)**

N type:  
85kA/AC220/240V, 50kA/AC380/415V,  
50kA/AC440V, 40kA/AC500/525V,  
30kA/AC660/690V  
H type:  
85kA/AC220/240V, 70kA/AC380/415V,  
65kA/AC440V, 50kA/AC500/525V,  
42kA/AC660/690V  
L type:  
150kA/AC220/240V, 150kA/AC380/415V,  
130kA/AC440V, 100kA/AC500/525V  
R type:  
200kA/AC220/240V, 200kA/AC380/415V,  
200kA/AC440V, 100kA/AC500/525V, 75kA/AC660/690V

**Rated service short-circuit breaking capacity  $I_{cs}$  : (A)**

NS1600 N:  
37kA/AC220/240V, 37kA/AC380/415V  
37kA/AC440V, 30kA/AC500/525V,  
22kA/AC660/690V  
NS630b N-1250 N:  
50kA/AC220/240V, 50kA/AC380/415V,  
50kA/AC440V, 40kA/AC500/525V,  
30kA/AC660/690V  
NS1600 H:  
37kA/AC220/240V, 37kA/AC380/415V  
37kA/AC440V, 30kA/AC500/525V,  
22kA/AC660/690V  
NS630b H-1250 H:  
50kA/AC220/240V, 50kA/AC380/415V  
50kA/AC440V, 40kA/AC500/525V,  
30kA/AC660/690V  
NS630b L-1000 L type:  
150kA/AC220/240V, 150kA/AC380/415V,  
130kA/AC440V, 100kA/AC500/525V  
NS630b R-800 R type:  
200kA/AC220/240V, 200kA/AC380/415V,  
200kA/AC440V, 100kA/AC500/525V, 75kA/AC660/690V

**Rated short-time withstand current  $I_{cw}$  : (A)**

19,2kA/1s only for N and H type

**Electromagnetic compatibility**

A

**Pollution degree**

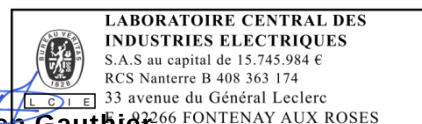
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**Circuit-breaker for use in IT systems**

Yes, up to 690V



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### Undervoltage release (MN), shunt trip release (MX)

| References | Voltage - Type - Frequency         |
|------------|------------------------------------|
| <b>MN</b>  |                                    |
| 33668      | 24-30V DC ; 24V AC 50/60 Hz        |
| 33669      | 48-60V DC ; 48V AC 50/60 Hz        |
| 33670      | 100-130V DC ; 100-130V AC 50/60 Hz |
| 33671      | 200-250V DC ; 200-250V AC 50/60 Hz |
| 33673      | 380-480V AC 50/60 Hz               |
| <b>MX</b>  |                                    |
| 33658      | 12V DC                             |
| 33659      | 24-30V DC ; 24V AC 50/60 Hz        |
| 33660      | 48-60V DC ; 48V AC 50/60 Hz        |
| 33661      | 100-130V DC ; 100-130V AC 50/60 Hz |
| 33662      | 200-250V DC ; 200-250V AC 50/60 Hz |
| 33663      | 277V AC 50/60 Hz                   |
| 33664      | 380-480V AC 50/60 Hz               |

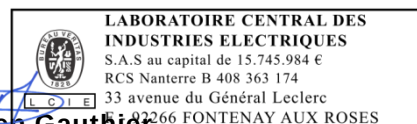
Note : All that commercial references can be preceded with a S

### Mechanical lugs intended for connection of copper and aluminum conductors

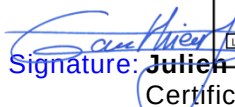
| References | Max.<br>Amp.<br>Rating | Ampacity |                          |
|------------|------------------------|----------|--------------------------|
|            |                        | nb       | wire range               |
| AL1200P26  | 1250A                  | 4        | (95-240mm <sup>2</sup> ) |



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