

IEC**IECEE**

Ref. Certif. No.

FR_713047

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 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 LB, 800 LB
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
Manually operated

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

Supersedes CBTC FR_709297 dated 07/09/2020,
FR_709298 dated 07/09/2020 and FR_709309 dated 07/09/2020
Technical modification 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

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.frLABORATOIRE 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

Date: 20/01/2022

Signature:
Certification Officer

ANNEX

Name and address of the factories:

SCHNEIDER ELECTRIC Alpes
Voie Isaac Newton ZI Alpespace
73800 Francin – FRANCE

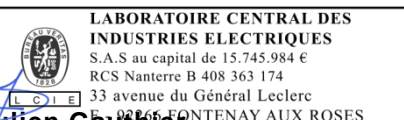
SCHNEIDER SHANGHAI POWER DISTRIBUTION ELEC. APP. Co. Ltd
No.833 Kangqiao Road, Kangqiao Industrial Development Zone Pudong District
201315 SHANGHAI - CHINA

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 LB	630A	ComPacT NS800 LB	800A



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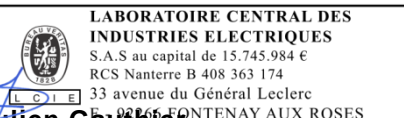
Date: 20/01/2022

Signature: *Julien Gauthier*
Certification Officer


Selectivity category	B for N and H type A for L and LB type
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 & withdrawable
Type of release :	Electronic
Rated operational voltage U_e : (V)	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 N, H and LB type: AC220/240V, 380/415V, 440V,500/525V,660/690V L type: AC220/240V, 380/415V, 440V,500/525V
Rated insulation voltage U_i : (V)	1000V
Rated impulse withstand voltage U_{imp} : (kV)	8kV
Rated current I_n : (A)	See above table
Conventional free air thermal current I_{th} : (A)	Equal to I_n
Rated current for four pole circuit-breakers : (A)	Equal to I_n
Rated frequency : (Hz)	50/60Hz
Nature of supply :	AC
Total number of poles :	3P,4P
Rated duty	uninterrupted duty
Rated short-time making capacity I_{cm} : (kA)	<u>N type:</u> 187kA/AC220/240V,105kA/AC380/415V, 105kA /AC440V, 84kA/AC500/525V, 63kA/AC660/690V <u>H type:</u> 187kA/AC220/240V,154kA/AC380/415V, 143kA /AC440V, 105kA/AC500/525V, 88,2kA/AC660/690V <u>L type:</u> 330kA/AC220/240V,330kA/AC380/415V, 286kA /AC440V,220kA/AC500/525V <u>LB type:</u> 440kA/AC220/240V,440kA/AC380/415V, 440kA/AC440V,220kA/AC500/525V, 165kA/AC660/690V



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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
LB 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:
150kA/AC220/240V, 150kA/AC380/415V,
130kA/AC440V, 100kA/AC500/525V
NS630b LB-800 LB 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

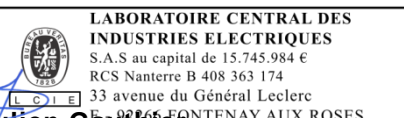
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Circuit-breaker for use in IT systems

Yes, up to 690V



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

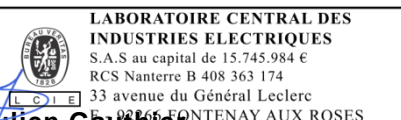
References	Voltage - Type - Frequency
MN	
33668	24-30V DC ; 24V AC 50/60 Hz
33669	48-60V DC ; 48V AC 50/60 Hz
33670	100-130V DC ; 100-130V AC 50/60 Hz
33671	200-250V DC ; 200-250V AC 50/60 Hz
33673	380-480V AC 50/60 Hz
MX	
33658	12V DC
33659	24-30V DC ; 24V AC 50/60 Hz
33660	48-60V DC ; 48V AC 50/60 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

Mechanical lugs intended for connection of copper and aluminum conductors


References	Max. Amp. Rating	Ampacity	
		nb	wire range
33640 (3P)	1250A	4	(95-240mm ²)
33641 (4P)	1250A	4	(95-240mm ²)



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