



Ref. Certif. No.

FR_714512

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Switch-disconnector

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 NSXm 50NA, ComPacT NSXm 100NA,
ComPacT NSXm 160NA

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

Supersedes CBTC FR_689125A dated 28/09/2016 and FR_689125B dated 28/09/2016.
Technical modification
Update the list of product references
Update further to the evolution of the standard(s)

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-1:2020
IEC 60947-3:2020

As shown in the Test Report Ref. No. which forms part of this Certificate

169778-758208, 2111939007
143078-689125BE, 143078-689125BU

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



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: 11/04/2022

IEC

IECEE

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Ref. Certif. No.

FR_714512

ADDITIONAL INFORMATION

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 INDUSTRIES POLSKA Sp z.o.o.

ul. MOSTOWA 19
32-332 BUKOWNO
POLAND



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ANNEX

REFERENCES, PRINCIPAL CHARACTERISTICS

Structure of products' references

Structure of model references

ComPacT NSXm 160 NA
 (a) (b) (c)

- (a): Product range: ComPacT NSXm
 (b): Current range: 50, 100 and 160
 (c): Indicates the switch-disconnector: NA

Structure of commercial references

I, II, III, IV according to the following designation

I	II	III	IV
C11	3	050	LS

Type IEC switch-disconnector	Number of pole	Rated Current	Connectors
C11: 50,100 A	3: 3P	050: 50 A	LS: EverLink
C12: 160 A	4: 4P	100: 100 A	BS: Compression lug
		160: 160 A	

Characteristics

	NSXm 50NA	NSXm 100NA	NSXm 160NA
Number of poles	3 or 4		
Conventional thermal current, I _{th}	160 A		
Rated current, I _n	50 A	100 A	160 A
Operational voltage, U _e	690 V		
Frequency	50/60 Hz		
Insulation voltage, U _i	800 V		
Impulse withstand voltage, U _{imp}	8 kV		
Utilization category	AC-23A		
Operational current, I _e	50 A	100 A	100A
Rated short-time withstand current, I _{cw}	0,9 kA / 3 s	1,5 kA / 3 s	1,5 kA / 3 s
Rated short-circuit making capacity, I _{cm}	1,28 kA	2,13 kA	2,13 kA
Protection degree	IP20 / IP40 (long terminal shield)		
Method of operated equipment	Manual By shunt release; by undervoltage release		
Device suitable for isolation	Yes		
Control circuits	MN, MX releases; See next table		



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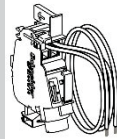
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ANNEX
Electrical control circuits

- kind of voltage: (AC, DC)	AC/DC
- rated frequency: (Hz)	50/60
- rated control circuit voltage: Uc (nature, frequency, V)	MN: DC 24 to 250; AC 24 to 480 MX: DC 24 to 250; AC 24 to 480
- rated control supply voltage: Us (nature, frequency, V)	MN: DC 24 to 250; AC 24 to 480 MX: DC 24 to 250; AC 24 to 480

References of MN and MX releases

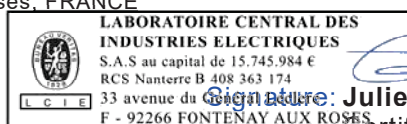
Standard	Kind of voltage	Voltage	MX	MN
	AC	24 V 50/60 Hz	LV426841	LV426801
		48 V 50/60 Hz	LV426842	LV426802
		110...130 V 50/60 Hz	LV426843	LV426803
		220...240 V 50 Hz	LV426844	LV426804
		208...240 V 60 Hz	LV426844	LV426804
		277 V 60 Hz	LV426844	LV426805
		380...415 V 50 Hz	LV426846	LV426806
		440...480 V 60 Hz	LV426846	LV426807
	DC	24 V DC	LV426841	LV426801
		48 V DC	LV426842	LV426802
		125 V DC	LV426843	LV426803
		250 V DC	LV426844	LV426815

Pre-wired	Kind of voltage	Voltage	MX	MN
	AC	24 V 50/60 Hz	LV426861	LV426821
		48 V 50/60 Hz	LV426862	LV426822
		110...130 V 50/60 Hz	LV426863	LV426823
		220...240 V 50 Hz	LV426864	LV426824
		208...240 V 60 Hz	LV426864	LV426824
		277 V 60 Hz	LV426864	LV426825
		380...415 V 50 Hz	LV426866	LV426826
		440...480 V 60 Hz	LV426866	LV426827
	DC	24 V DC	LV426861	LV426821
		48 V DC	LV426862	LV426822
		125 V DC	LV426863	LV426823
		250 V DC	LV426864	LV426835



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