

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 - CS30323
92506 RUEIL-MALMAISON - France

Name and address of the manufacturer

SCHNEIDER ELECTRIC INDUSTRIES SAS
31 rue Pierre Mendes France, Eybens
38050 GRENOBLE Cedex 9 - France

Name and address of the factory

SCHNEIDER ELECTRIC INDUSTRIES POLSKA Sp z.o.o.
ul. MOSTOWA 19
32-332 BUKOWNO - Poland

Note: When more than one factory, please report on page 2

 Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

ELCB Compact NSXm types E, B, F, N, H
See Annex

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

Supersedes CBTC FR_701446 dated 05/09/2017. Editorial correction
 Additional Information on page 2

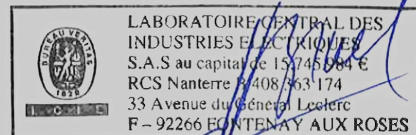
A sample of the product was tested and found to be in conformity with

IEC 60947-2:2006 +A1:2009 +A2:2013

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

148535-703703, 148535-703703/1 to 148535-703703/65

This CB Test Certificate is issued by the National Certification Body

LCIE – Laboratoire Central des Industries Electriques
33, avenue du Général Leclerc – BP8
FR 92 266 Fontenay aux Roses Cedex
www.lcie.fr

Date: 19/04/2018

Signature: **Jean-François BRUEL**
Certification Officer

ANNEX

Product References:

Product name: ELCB Compact NSXm
 Type: E, B, F, N, H

General structure of model references

NSXm 160 E, B, F, N, H
 (a) (b) (c)

with:

- (a): Refers to Compact series
- (b): Refers to rated current
- (c): Refers to breaking capacity

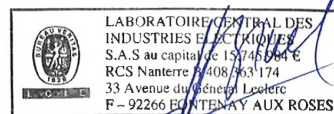
Structure of commercial reference:

(example: LV426700)

I	II	III	IV
LV426	7	0	0
Type	ELCB type	Breaking capacity at 415Vac, type & connections type terminal	Rated Current & Number of poles
LV426 Compact NSXm	7 Micrologic 4.1	0 : 16kA, E Type & Everlink	0 : 25A & 3P
		1 : 25kA, B Type & Everlink	1 : 50A & 3P
		2 : 36kA, F Type & Everlink	2 : 100A & 3P
		3 : 50kA, N Type & Everlink	3 : 160A & 3P
		4 : 70kA, H Type & Everlink	5 : 25A & 4P
		5 : 16kA, E Type & Crimp Lug	6 : 50A & 4P
		6 : 25kA, B Type & Crimp Lug	7 : 100A & 4P
		7 : 36kA, F Type & Crimp Lug	8 : 160A & 4P
		8 : 50kA, N Type & Crimp Lug	
9 : 70kA, H Type & Crimp Lug			



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ANNEX (cont'd)

Rated current, I_n	25, 50, 100, 160 A
Operational voltage, U_e	440 V~
Number of poles	3P or 4P
Rated frequency	50/60 Hz
Rated insulation Voltage , U_i	500 V
Rated impulse withstand voltage , U_{imp}	8 kV
Conventional thermal current, I_{th}	160 A
Pollution degree	3
Utilization category	A
Device suitable for isolation	Yes

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

(Up to 63 A: all voltages; from 80 A to 160 A: only 220/240 V, 380/415 V, 440 V)

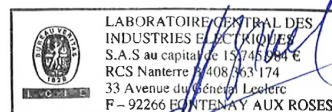
NSXm Type	E	B	F	N	H
220/240 V	25	50	85	90	100
380/415 V	16	25	36	50	70
440 V	10	20	35	50	65

 Rated service short-circuit breaking capacity, I_{cs} (kA)

(Up to 63 A: all voltages; from 80 A to 160 A: only 220/240 V, 380/415 V, 440 V)

NSXm Type	E	B	F	N	H
220/240 V	25	50	85	90	100
380/415 V	16	25	36	50	70
440 V	10	20	30	50	65

For more information relating to the ratings and the main characteristics please refer to the CB Test Report: 148535-703703.


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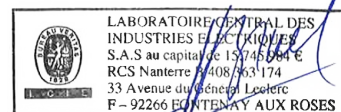
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ANNEX (end)

Electrical control circuits			
- kind of current: (AC, DC)	:	AC/DC	
- rated frequency: (Hz)	:	50/60 Hz	
- rated control circuit voltage: U_c (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: U_s (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 coils			
	Standard	Voltage	
	AC	24 V 50/60 Hz	LV426841
		48 V 50/60 Hz	LV426842
		110...130 V 50/60 Hz	LV426843
		220...240 V 50 Hz	LV426844
		208...240 V 60 Hz	
		277 V 60 Hz	LV426844
		380...415 V 50 Hz	LV426846
		440...480 V 60 Hz	LV426846
	DC	24 V DC	LV426841
		48 V DC	LV426842
		125 V DC	LV426843
		250 V DC	LV426844
	Pre-wired	Voltage	
	AC	24 V 50/60 Hz	LV426861
		48 V 50/60 Hz	LV426862
		110...130 V 50/60 Hz	LV426863
		220...240 V 50 Hz	LV426864
		208...240 V 60 Hz	
		277 V 60 Hz	LV426864
		380...415 V 50 Hz	LV426866
		440...480 V 60 Hz	LV426866
	DC	24 V DC	LV426861
		48 V DC	LV426862
		125 V DC	LV426863
		250 V DC	LV426864
			LV426801
			LV426802
			LV426803
			LV426804
			LV426806
			LV426806
			LV426807
			LV426801
			LV426802
			LV426803
			LV426815
			LV426821
			LV426822
			LV426823
			LV426824
			LV426825
			LV426826
			LV426827
			LV426821
			LV426822
			LV426823
			LV426835



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