



Accréditation
N° 5-0014
Portée
disponible sur
www.cofrac.fr



Ref. Certif. No.

FR 653255

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE / CERTIFICAT D'ESSAI OC

Product
Produit

Switch-disconnector

Name and address of the applicant
Nom et adresse du demandeur

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

Name and address of the manufacturer
Nom et adresse du fabricant

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

Name and address of the factory
Nom et adresse de l'usine

See annex 1

Note : When more than one factory, please report on page 2
Note : Lorsqu'il y a plus d'une usine, veuillez utiliser la 2ème page

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

100 A, 160 A, 250 A

Trademark (if any)
Marque de fabrique (si elle existe)



Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

WMT

Model / Type Ref.
Ref. De type

Compact NSX 100NA ,
Compact NSX 160NA,
Compact NSX 250NA

Additional information (if necessary may also be reported on page 2)
Informations complémentaires (si nécessaire, peuvent être indiquées sur la 2ème page)

see annex 1

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

PUBLICATION

EDITION

IEC 60947-1:2007 +A1:2010
IEC 60947-3:2008 +A1:2012

As shown in the Test Report Ref. No. which forms part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

126420-653255

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**



Laboratoire Central des Industries Électriques

33, av du Général Leclerc – BP 8
FR 92266 Fontenay-aux-Roses cedex
www.lcie.fr



Date: 2014-09-17

Signature: Jean-François BRUEL
Certification Officer



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Annex 1 : List of Manufacturers and Factories

Switch-disconnector

Factory	Manufacturer
SCHNEIDER ELECTRIC INDUSTRIES POLSKA Sp z.o.o. ul. MOSTOWA 19 - 32-332 Bukowno - Poland	SCHNEIDER ELECTRIC INDUSTRIES SAS 31 rue Pierre Mendes France, Eybens - 38050 GRENOBLE Cedex 9 - France
SCHNEIDER (BEIJING) MEDIUM & LOW VOLTAGE Co., Ltd No 2, Liang Shui He 2nd Street, Beijing Economic Technological Development area, Beijing 100176, China	SCHNEIDER ELECTRIC INDUSTRIES SAS 31 rue Pierre Mendes France, Eybens - 38050 GRENOBLE Cedex 9 - France

Additional Information (if necessary)
Informations complémentaires (si nécessaire)



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Annex 2

PRINCIPAL CHARACTERISTICS

Method of operation:	Opening and closing by manual toggle																				
Suitability for isolation:	suitable																				
Degrees of protection:	IP40, IK07																				
Number of poles:	2, 3 or 4																				
Kind of current:	AC / DC																				
In the case of a.c., number of phases and rated frequency:	3 phases or 3 phases and neutral 50/60 Hz																				
Number of positions of the main contacts	3 positions (ON, OFF and tripped)																				
Rated operational voltage U_o (V):	690 V																				
Rated insulation voltage U_i (V):	800 V																				
Rated impulse withstand voltage U_{imp} (kV):	8 kV																				
Conventional free air thermal current I_{th} (A):	250 A																				
Conventional enclosed thermal current I_{the} (A):	250 A																				
Rated operational current I_o (A):	NSX100NA: 100 A NSX160NA: 160 A NSX250NA: 250 A																				
Utilization category:	AC 22 A, AC 23 A, DC 22 A, DC 23 A																				
Rated short-time withstand current I_{cw} :	<table border="1"> <thead> <tr> <th colspan="4">I_{cw} (A rms)</th> </tr> <tr> <th>duration (s)</th> <th>NSX100NA</th> <th>NSX160NA</th> <th>NSX250NA</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1800</td> <td>2500</td> <td>3500</td> </tr> <tr> <td>3</td> <td>1800</td> <td>2500</td> <td>3500</td> </tr> <tr> <td>20</td> <td>690</td> <td>960</td> <td>1350</td> </tr> </tbody> </table>	I _{cw} (A rms)				duration (s)	NSX100NA	NSX160NA	NSX250NA	1	1800	2500	3500	3	1800	2500	3500	20	690	960	1350
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3	1800	2500	3500																		
20	690	960	1350																		
Rated short-time making capacity I_{cm} :	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">I_{cm} (kA peak)</th> </tr> <tr> <th>NSX100NA</th> <th>NSX160NA</th> <th>NSX250NA</th> </tr> </thead> <tbody> <tr> <td>Switch-disconnector alone</td> <td>2.6</td> <td>3.6</td> <td>4.9</td> </tr> <tr> <td>Switch-disconnector protected by upstream circuit-breaker</td> <td>330</td> <td>330</td> <td>330</td> </tr> </tbody> </table>		I _{cm} (kA peak)			NSX100NA	NSX160NA	NSX250NA	Switch-disconnector alone	2.6	3.6	4.9	Switch-disconnector protected by upstream circuit-breaker	330	330	330					
	I _{cm} (kA peak)																				
	NSX100NA	NSX160NA	NSX250NA																		
Switch-disconnector alone	2.6	3.6	4.9																		
Switch-disconnector protected by upstream circuit-breaker	330	330	330																		
Auxiliary circuits:	Indication contacts (not certified)																				
Relays and releases:	MX and MN releases (not certified)																				
Co-ordination with short-circuit protective devices: Kind of protective device:	Magnetic self-protection against short-circuit (disabled for certification testing)																				

Additional Information (if necessary)
Informations complémentaires (si nécessaire)



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Jean-François BRUEL F-92266
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