

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST  
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEMESYSTEME 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-fuse

Name and address of the applicant  
Nom et adresse du demandeurSchneider Electric Industries SAS  
35, rue Joseph Monier  
92500 RUEIL MALMAISON, FRANCEName and address of the manufacturer  
Nom et adresse du fabricantSchneider Electric Industries SAS  
35, rue Joseph Monier  
92500 RUEIL MALMAISON, FRANCEName and address of the factory  
Nom et adresse de l'usine

See page 2

Note: When more than one factory, please report on page 2  
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2<sup>ème</sup> page Additional Information on page 2Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

See pages 2 - 3

Trademark (if any)  
Marque de fabrique (si elle existe)Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais constructeur

CTF stage 2

Model / Type Ref.  
Ref. De type

INFB160\_, INFD160\_

Additional information (if necessary may also be reported  
on page 2)  
Les informations complémentaires (si nécessaire,, peuvent  
être indiqués sur la 2<sup>ème</sup> pageThis certificate replaces certificate CB FI 6428 A2 dated  
25 October 2011, due to updated standards and changed  
name of the manufacturing site.

See pages 2-3

 Additional Information on page 2A 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 laIEC 60947-3:2008 (Third Edition) + A1:2012 in conjunction  
with IEC 60947-1:2007 (Fifth Edition) + A1:2010 + A2:2014  
EN 60947-3:2009 + A1:2012 in conjunction with  
EN 60947-1:2007 + A1:2011 + A2: 2014

261193-2 and 261193-2 amendment 1

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 CertificatThis CB Test Certificate is issued by the National Certification Body of Finland  
Ce Certificat d'essai OC est établi par l'Organisme National de Certification de Finlande

(SGS Fimko's ref.no. 284941-6 )

Date: 21 June 2016

Signature:

SGS Fimko Ltd

  
Seppo Lautamies  
Project Manager

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

ABB Oy Protection and Connection  
Muottitie 2 A  
FI-65320 VAASA, FINLAND

Additional information  
Les informations complémentaires

Conventional free air thermal current	lth:	160 A, 12 W
Conventional enclosed thermal current	lthe:	160 A, 12 W
Rated insulation voltage:	Ui:	1000 V
Rated impulse withstand voltage:	Uimp:	8 kV
Rated frequency:	f:	50 – 60 Hz
Rated operational voltage:	Ue:	415 - 690 V
Rated operational current	le:	160 A
Utilization category:		AC-21A / AC-22A / AC-23A
Rated short-time withstand current Icw:		5 k A 1s (with solid knives)
Rated short-time making capacity Icm:		7.65 kA 690 V (with solid knives)
Rated conditional short-circuit current (r.m.s.):		See table, page 3
Handle type:		49616 or 49619 (door mounted) LV480530 or LV480531 (direct mounted)
Number of poles		3 or 4

Type designation

INF	B	160	4P	3F	
					<b>Number of fused poles on 4 poled switch</b>
					3F 3 fused poles
					4F 4 fused poles
					<b>Number of poles</b>
					3P 3 poles
					4P 4 poles
					<b>Switch size</b>
					160
					<b>Fuse type</b>
					B BS88 type fuse
					D DIN type fuse
					<b>INF Switch Disconnecter Fuse</b>

Additional information (if necessary)  
Information complémentaire (si nécessaire)

Date: 21 June 2016

Signature:

SGS Fimko Ltd

  
Seppo Lautamies  
Project Manager



Additional information  
Les informations complémentaires

Rated conditional short-circuit current (r.m.s):

## Switch type and tested fuses

Ue	Ip	DIN 00, 000 INFD160_	BS88, A2-A4 INFB160
415 V	50 kA	-	gM 100M160
415 V	80 kA	-	gG100 / gG 160 A gM 100M125 A
500 V	100 kA	gG 160 A , aM 160 A	-
690 V	50 kA	aM 125	-
690 V	80 kA	gG 125 A , aM 100 A	-

## Certificate for types

Type designation	Operating means	Commercial number		
		Switch	Door mounted handle	Direct mounted handle
INFD160 3P	Normal oper.	LV480416	49616 (yellow) 49619 (grey) (65 mm)	LV480531 (yellow) LV480530 (grey) (65 mm)
INFD160 4P/3F		LV480417		
INFD160 4P/4F		LV480418		
INFB160 3P		LV480421		
INFB160 4P/3F		LV480422		
INFD160 3P	Side oper	LV480437		
INFD160 4P/3F		LV480438		
INFD160 4P/4F		LV480439		
INFB160 3P		LV480440		
INFB160 4P/3F		LV480441		

Additional information (if necessary)  
Information complémentaire (si nécessaire)

SGS Fimko Ltd

Date: 21 June 2016

Signature:

  
 Seppo Lautamies  
 Project Manager

