



Accréditation
N° 5-0014



Ref. Certif. No.

FR 60053295A

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

busbar trunking systems

Name and address of the applicant
Nom et adresse du demandeur

SCHNEIDER-ELECTRIC INDUSTRIES SAS
Domaine E&S, site 73F - 38050 GRENOBLE Cedex 09 - FRANCE

Name and address of the manufacturer
Nom et adresse du fabricant

SCHNEIDER-ELECTRIC INDUSTRIES SAS
Domaine E&S, site 73F - 38050 GRENOBLE Cedex 09 - FRANCE

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

See annex

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

see annex (2 pages)

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

SCHNEIDER ELECTRIC

Model / Type Ref.
Ref. De type

Canalis KBA

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

see annex (2 pages)

PUBLICATION

EDITION

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

IEC 60439-2:2000 +A1:2005 (édition 3.1)

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 Certificat

60053295-01

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: 2007-06-21

Signature:

Michel BRENON
Certification Manager



ANNEX – MANUFACTURER / FACTORIES

MANUFACTURER :

SCHNEIDER-ELECTRIC INDUSTRIES SAS
Domaine E&S, site 73F
38050 GRENOBLE Cedex 09
FRANCE

FACTORIES :

SCHNEIDER ELECTRIC INDUSTRIES SAS
Zone industrielle Sud, rue Lavoisier, BP6
21601 - LONGVIC LES DIJON
FRANCE

DELTAPLAST POLAND
Ul. Armii Krajowej 8
05-500 PIASECZNO
POLOGNE

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



Laboratoire Central des Industries Électriques
33, av du Général Leclerc – BP 8
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Date: 2007-06-21

Signature:

ANNEX - ADDITIONAL INFORMATION

Busbar trunking systems KBA

Straight length busbar trunking units with tap-off facilities, flexible busbar trunking units, busbar trunking feeder units, fixing devices. The unity includes one ribbon cable comprising two conductors (phase and neutral) or four conductors (three phases and one neutral) mounted in an enclosure acting as a protective earth.

rated characteristics :

Current, (In)	25 A	40 A
Operational voltage, (Ue)	230 to 400 V	230 to 400 V
Frequency	50 / 60 Hz	50 / 60 Hz
Insulation voltage, (Ui)	690 V	690 V
Impulse withstand voltage, (Uimp)	4 kV	4 kV
Short-time withstand current, (Icw)	0.44 kA	0.94 kA
Peak withstand current, (Ipk)	4.4 kA	9.6 kA
I ² t value	195 10 ³ A ² s	900 10 ³ A ² s
Degree of protection	IP55	IP55

Current, (In)	25 A	40 A	
Electrical characteristics			
R ₂₀	6.80	2.83	mΩ/m
R ₁	8.30	3.46	mΩ/m
X ₁	0.70	0.19	mΩ/m
Z ₁	8.30	3.46	mΩ/m
Electrical characteristics under fault conditions			
Z _{0 Ph-N}	27.22	19.41	mΩ/m
Z _{0 Ph-PE}	19.41	13.85	mΩ/m
R _{b0 Ph-Ph}	13.61	5.68	mΩ/m
R _{b0 Ph-N}	13.61	5.68	mΩ/m
R _{b0 Ph-PE}	11.01	7.66	mΩ/m
R _{b1 Ph-Ph}	16.60	6.91	mΩ/m
R _{b1 Ph-N}	16.60	6.91	mΩ/m
R _{b1 Ph-PE}	12.50	8.70	mΩ/m
X _{b Ph-Ph}	0.35	0.90	mΩ/m
X _{b Ph-N}	0.35	0.90	mΩ/m
X _{b Ph-PE}	0.70	1.80	mΩ/m

R ₂₀	Mean ohmic resistance of the phase conductors at the temperature of +20°C
R ₁	Mean ohmic resistance of the phase conductors at rated current In, at the steady-state operating temperature θ ₁
X ₁	Mean ohmic reactance of the phase conductors at rated current In, at rated frequency F=50Hz
Z ₁	Mean ohmic impedance of the phase conductors at rated current In, at rated frequency F=50Hz, at the steady-state operating temperature θ ₁
Z ₀	Zero-sequence impedance of the conductors being considered at the temperature of +20°C
R _{b0}	Mean ohmic resistance of the conductors being considered at the temperature of +20°C
R _{b1}	Mean ohmic resistance of the conductors being considered at rated current In, at the steady-state operating temperature θ ₁
X _b	Mean ohmic reactance of the conductors being considered at rated current In, at rated frequency F=50Hz

Additional Information (if necessary)

Informations complémentaires (si nécessaire)

**Laboratoire Central des Industries Électriques**

33, av du Général Leclerc – BP 8
FR 92266 Fontenay-aux-Roses cedex
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S.A.
Capital de 15 745 984 €
Régistré au Tribunal de Commerce de Fontenay-aux-Roses
N° 408 363 174
Fontenay-aux-Roses
F-92260

Date: 2007-06-21

Signature: