



Accréditation
N° 5-0014



Ref. Certif. No.

FR 60053295M

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

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

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 (1 page)

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

SCHNEIDER ELECTRIC

Model / Type Ref.
Ref. De type

Canalis KDP

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 page)

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 (edition 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

60053295-04

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

Signature
SA
Capital de 15.725.000 €
N° de Registre 7503 203 124
Société du Général Leclerc
Fontenay-aux-Roses
F-92260

Date: 2007-06-21

Signature: **Michel BRENON**
Certification Manager

ANNEX - ADDITIONAL INFORMATION

Busbar trunking systems KDP

Flexible busbar trunking units, busbar trunking feeder units, fixing devices. The run components consist of a flat ribbon cable including three conductors (phase, neutral and protective earth) or five conductors (three phases, neutral and protective earth).

rated characteristics :

Current, (In)	:	20 A
Operational voltage, (Ue)	:	230 to 400 V
Frequency	:	50 / 60 Hz
Insulation voltage, (Ui)	:	690 V
Impulse withstand voltage, (Uimp)	:	4 kV
Short-time withstand current, (Icw)	:	0.34 kA
Peak withstand current, (Ipk)	:	3.6 kA
I ² t value	:	120 10 ³ A ² s
Degree of protection	:	IP55

Electrical characteristics

R ₂₀	:	6.802 mΩ/m
R ₁	:	8.30 mΩ/m
X ₁	:	0.02 mΩ/m
Z ₁	:	8.3 mΩ/m

Electrical characteristics under fault conditions

Z _{0 Ph-N}	:	27.22 mΩ/m
Z _{0 Ph-PE}	:	27.22 mΩ/m
R _{b0 Ph-Ph}	:	13.61 mΩ/m
R _{b0 Ph-N}	:	13.61 mΩ/m
R _{b0 Ph-PE}	:	13.61 mΩ/m
R _{b1 Ph-Ph}	:	16.60 mΩ/m
R _{b1 Ph-N}	:	16.60 mΩ/m
R _{b1 Ph-PE}	:	16.60 mΩ/m
X _{b Ph-Ph}	:	0.035 mΩ/m
X _{b Ph-N}	:	0.035 mΩ/m
X _{b Ph-PE}	:	0.035 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 I _n , at the steady-state operating temperature θ ₁
X ₁	Mean ohmic reactance of the phase conductors at rated current I _n , at rated frequency F=50Hz
Z ₁	Mean ohmic impedance of the phase conductors at rated current I _n , 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 I _n , at the steady-state operating temperature θ ₁
X _b	Mean ohmic reactance of the conductors being considered at rated current I _n , at rated frequency F=50Hz

Additional Information (if necessary)

Informations complémentaires (si nécessaire)



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Date: 2007-06-21

Signature: