



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



Ref. Certif. No.

FR 596305B

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

Circuit -breaker for overcurrent protection for household and similar installations

Name and address of the applicant
Nom et adresse du demandeur

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

Name and address of the manufacturer
Nom et adresse du fabricant

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

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

Schneider Electric India Pvt Ltd.
25A/2A Dairy Road SIDCO Industrial Estate (North Phase) Ambattur - 600098 Chennai - India

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

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



Model / Type Ref.
Ref. De type

Series Domae biconnect 4500A
References : DCKAYx, see annex 1

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

- Detail of references : see test report n° 98869-5 96305
(Products also comply with standard EN 60898-1:2003 +A1:2004 +A11:2005)
- Domae biconnect range is a derivative range of Neobreak

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 60898-1:2002 +A1:2002 +A2:2003

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

98867-596300, 98867-596300/1, 98867-596300/2, 98869-596305, 98869-596305/1

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: 2010-05-25

Signature:

Jean-François BRUEL
Certification Officer

Annex 1

Series Domae biconnect 4500A

Codification of the product name DCKAYx

DCK : range Domae biconnect

A : circuit breaker

Y : rated short-circuit capacity

x : 1 = circuit breaker 1 pole

x : 2 = circuit breaker 2 poles

x : 3 = circuit breaker 3 poles

x : 4 = circuit breaker 4 poles

x : 6 = circuit breaker 3P+N (Neutral on left or right)

x : 7 = circuit breaker 1P+N (Neutral on left or right)

Example for reference DCKA43

DCK range, A = circuit breaker, 4 = Icn 4500A, 3 poles

CHARACTERISTICS OF APPLIANCE

Rated operational voltage U_e : (V)	1P, 1P+N : 230-240 2P : 230-240, 400-415 3P, 3P+N, 4P : 400-415
Rated current I_n : (A)	1, 2, 3, 4, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63
Rated frequency : (Hz)	50/60
Nature of supply :	~
Total number of poles :	1, 1+N, 2, 3, 3+N, 4
Number of protected poles :	all
Rated insulation voltage U_i : (V)	500
Rated impulse withstand voltage U_{imp} : (V)	4000
Instantaneous tripping current :	B, C
Reference ambient calibration air temperature : (°C)	30
Rated short-circuit capacity I_{cn} : (A)	4500
Rated making and breaking capacity on one pole Separately - I_{cn1} : (A)	4500
Energy limiting class (Pt) : according to EN 60898-1	3
Grid distance (short-circuit tests) :	35mm (1A up to 40A) – 55mm (50A and 63A)
Protection against external influences :	enclosed
Protection degree :	IP20
Material group :	II
Method of mounting :	panel board/distribution board, on rail
Method of electrical connection	not associated with the mechanical-mounting
Type of terminals :	pillar terminals
Nominal diameter of thread : (mm)	5,0 (up to 25A include), 6,5 (32A up to 63A)
Operating means	lever

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
www.lcie.fr

Date: 2010-05-25

Signature: Jean-François BRUEL
Certification Officer