



Ref. Certif. No.

FR 680699C

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
ProduitCircuit -breaker for overcurrent protection for household and similar
installationsName and address of the applicant
Nom et adresse du demandeur**SCHNEIDER ELECTRIC INDUSTRIES SAS**
31 rue Pierre Mendes France, Eybens - 38050 GRENOBLE Cedex 9 - FranceName and address of the manufacturer
Nom et adresse du fabricant**SCHNEIDER ELECTRIC INDUSTRIES SAS**
31 rue Pierre Mendes France, Eybens - 38050 GRENOBLE Cedex 9 - FranceName 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 pageRatings and principal characteristics
Valeurs nominales et caractéristiques principalesDetail of references:
see annex 2 and test report n° 139185-680682Trademark (if any)
Marque de fabrique (si elle existe)Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeurModel / Type Ref.
Ref. De typeK60 biconnect 4500
References: 45A9BxxxAdditional information (if necessary may also be
reported on page 2)
Informations complémentaires (si nécessaire, peuvent
être indiquées sur la 2ème page)Supersedes CBTC n° 617588c dated 2012-01-05 (update the
factory's address and addition of a new factory)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 60898-1:2002(ed.1) +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 Certificat98867-596300, 98867-596300/1, 98867-596300/2, 109122-617590A,
109122-617590A-1, 139185-680682, 138192-680700This 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:

2016-03-01

Signature:

Jean-François BRUEL
Certification Officer

Annex 1 : List of Manufacturers and Factories

Circuit -breaker for overcurrent protection for household and similar installations

Factory	Manufacturer
Schneider Electric India Pvt. Ltd. Plot No - 172, Poonamallee Bye Pass Road, Poonamallee, Tamil Nadu - 600056 CHENNAI - India	SCHNEIDER ELECTRIC INDUSTRIES SAS 31 rue Pierre Mendes France, Eybens - 38050 GRENOBLE Cedex 9 - France
SCHNEIDER ELECTRIC BULGARIA EOOD Plovdiv Plant - 4202 Radinovo - Bulgaria	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

REFERENCES, PRINCIPAL CHARACTERISTICS

Series K60 biconnect 4500

Generic references: 45A9Bxxx

- x.. : Number of poles
 .x. : Instantaneous tripping current
 ..x : Rated current I_n : (A)

Examples of reference:

45A9B1C1: lcn 4500A, 1P, curve C, $I_n = 1$ A45A9BPhNB1: lcn 4500A, 1P+N (neutral on left), curve B, $I_n = 1$ A45A9B3PhNRB1: lcn 4500A, 3P+N (neutral on right), curve B, $I_n = 1$ A

CHARACTERISTICS OF APPLIANCE

Rated operational voltage U_e : (V)	1P : 230 or 240 1P+N : 230 or 240 2P : 230, 240, 400 or 415 3P, 3P+N, 4P : 400 or 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 (neutral on left or right), 2, 3, 3+N (neutral on left or right), 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 (I^2t) : according to EN 60898-1	3 for $I_n \leq 40$ A
Grid distance (short-circuit tests) :	35mm (1A up to 40 A) – 55mm (50 A and 63 A)
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 25 A included) 6,5 (32A up to 63 A)
Operating means	lever

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

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