



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



Ref. Certif. No.

FR 612751D

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 Mendès 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 Mendès France - 38050 GRENOBLE Cedex 9 - France

Name 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 page

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

See annex 2

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



Model / Type Ref.  
Ref. De type

Series Domae monoconnect 4500

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  
Supersedes CBTC 583935B dated 2009/07/23  
Addition of a factory

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

Rapports d'essai / Test reports n°92110-583935T, n°92110-583935-01 à/à 92110-583935-65, 107132-612751A, 107132-612751B, 107132-612751C

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**

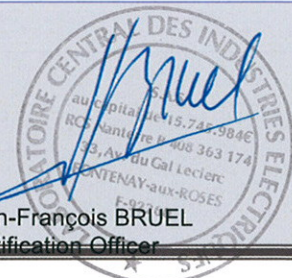
33, av du Général Leclerc – BP 8  
FR 92266 Fontenay-aux-Roses cedex  
www.lcie.fr

Date:

2011-07-11

Signature:

Jean-François BRUEL  
Certification Officer





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## Annex 1 : List of Manufacturers and Factories

Circuit -breaker for overcurrent protection for household and similar installations

Factory	Manufacturer
<b>SCHNEIDER ELECTRIC INDUSTRIE ITALIA SPA</b> Via E. Greco 9 VAZIA - 02010 RIETI - Italy	<b>SCHNEIDER ELECTRIC INDUSTRIES SAS</b> Electropole 31 rue Pierre Mendès France - 38050 GRENOBLE Cedex 9 - France
<b>SCHNEIDER ELECTRIC BULGARIA EOOD</b> Plovdiv Plant - 4202 Radinovo - Bulgaria	<b>SCHNEIDER ELECTRIC INDUSTRIES SAS</b> Electropole 31 rue Pierre Mendès France - 38050 GRENOBLE Cedex 9 - France

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



**Laboratoire Central des Industries Électriques**  
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Certification Officer

## Annex 2

## Series Domae monoconnect 4500

References: 45DVMxxx

x..: Number of poles

.x. : Instantaneous tripping current

..x : Rated current In

Number of poles codification:

x = 1 for 1P

x = PhN for 1P+N (neutral pole on the left)

x = PhNR for 1P+N (neutral pole on the right)

x = 2 for 2P

x = 3 for 3P

x = 3PhN for 3P+N (neutral pole on the left)

x = 3PhNR for 3P+N (neutral pole on the right)

x = 4 for 4P

Example for generic reference:

45DVM1C1 = 45DVM, 1 pole, C, 1A

## TECHNICAL CHARACTERISTICS

Rated operational voltage Ue : (V)	1P : 230-240 1P+N : 230-240 2P : 230-240, 400-415 3P, 3P+N, 4P : 400-415
Rated current In : (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 :	1P, 1P+N, 2P, 3P, 3P+N, 4P (Neutral on the right or left)
Number of protected poles :	Tous / All
Rated insulation voltage Ui : (V)	500
Rated impulse withstand voltage Uimp : (V)	4000
Instantaneous tripping current :	Type B, C
Reference ambient calibration air temperature : (°C)	30
Rated short-circuit capacity Icn : (A)	4500
Rated making and breaking capacity on one pole separately Icn1: (A)	4500
Energy limiting class (I <sup>2</sup> t) :	3 (In ≤ 40A)
Grid distance (short-circuit tests) :	90mm
Protection against external influences :	Enclosed
Protection degree :	IP20
Material group :	II
Method of mounting :	Panel board on rail
Method of electrical connection	Yes
Type of terminals :	Pillar Terminals
Nominal diameter of thread : (mm)	5mm : 1A to 40A 6.5 mm: 50A and 63A
Operating means	Lever

Additional Information (if necessary)

Informations complémentaires (si nécessaire)

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