



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



Ref. Certif. No.

FR 637901A

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

Terminal blocks for copper conductors

Name and address of the applicant
Nom et adresse du demandeur

ABB France
3, rue Jean Perrin CS 90009 - 69687 CHASSIEU - France

Name and address of the manufacturer
Nom et adresse du fabricant

ABB France
3, rue Jean Perrin CS 90009 - 69687 CHASSIEU - 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)

ABB

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

WMT

Model / Type Ref.
Ref. De type

Models: ZK2.5..., ZK4..., ZK6...
References see annex 2

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

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 60947-7-1:2009 (third edition)

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

119152-637901A, 119152-637901B, 119152-637901C

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: 2013-10-18

Signature:

Jean-François BRUEL
Certification Officer



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Annex 1 : List of Manufacturers and Factories

Terminal blocks for copper conductors

Factory	Manufacturer
ABB France 3, rue Jean Perrin CS 90009 - 69687 Chassieu Cedex - France	ABB France 3, rue Jean Perrin CS 90009 - 69687 CHASSIEU - France
ENTRELEC POLSKA SP Z.O.O. Ul Grunwaldzke 38 - 84-351 NOWA WIES LEBORSKA - Poland	ABB France 3, rue Jean Perrin CS 90009 - 69687 CHASSIEU - France

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



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Annex 2

REFERENCES OF TERMINAL BLOCKS

Series ZK2.5...

Model	Reference	Type
2 terminals		
Push-in spring terminal block grey	1SNK705010R0000	ZK2.5
Push-in spring terminal block blue	1SNK705020R0000	ZK2.5-BL
Push-in spring terminal block orange	1SNK705030R0000	ZK2.5-OR
Push-in spring terminal block yellow	1SNK705060R0000	ZK2.5-YL
Push-in spring terminal block green	1SNK705061R0000	ZK2.5-GN
Push-in spring terminal block red	1SNK705062R0000	ZK2.5-RD
Push-in spring terminal block black	1SNK705066R0000	ZK2.5-BK
Push-in spring terminal block white	1SNK705065R0000	ZK2.5-WH
3 terminals		
Push-in spring terminal block grey	1SNK705011R0000	ZK2.5-3P
Push-in spring terminal block blue	1SNK705021R0000	ZK2.5-3P-BL
Push-in spring terminal block orange	1SNK705031R0000	ZK2.5-3P-OR
Push-in spring terminal block yellow	1SNK705067R0000	ZK2.5-3P-YL
Push-in spring terminal block green	1SNK705068R0000	ZK2.5-3P-GN
Push-in spring terminal block red	1SNK705069R0000	ZK2.5-3P-RD
Push-in spring terminal block black	1SNK705073R0000	ZK2.5-3P-BK
Push-in spring terminal block white	1SNK705072R0000	ZK2.5-3P-WH
4 terminals		
Push-in spring terminal block grey	1SNK705012R0000	ZK2.5-4P
Push-in spring terminal block blue	1SNK705022R0000	ZK2.5-4P-BL
Push-in spring terminal block orange	1SNK705032R0000	ZK2.5-4P-OR
Push-in spring terminal block yellow	1SNK705074R0000	ZK2.5-4P-YL
Push-in spring terminal block green	1SNK705075R0000	ZK2.5-4P-GN
Push-in spring terminal block red	1SNK705076R0000	ZK2.5-4P-RD
Push-in spring terminal block black	1SNK705080R0000	ZK2.5-4P-BK
Push-in spring terminal block white	1SNK705079R0000	ZK2.5-4P-WH

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Series ZK4...

Model	Reference	Type
2 terminals		
Push-in spring terminal block grey	1SNK706010R0000	ZK4
Push-in spring terminal block blue	1SNK706020R0000	ZK4-BL
Push-in spring terminal block orange	1SNK706030R0000	ZK4-OR
3 terminals		
Push-in spring terminal block grey	1SNK706011R0000	ZK4-3P
Push-in spring terminal block blue	1SNK706021R0000	ZK4-3P-BL
Push-in spring terminal block orange	1SNK706031R0000	ZK4-3P-OR
4 terminals		
Push-in spring terminal block grey	1SNK706012R0000	ZK4-4P
Push-in spring terminal block blue	1SNK706022R0000	ZK4-4P-BL
Push-in spring terminal block orange	1SNK706032R0000	ZK4-4P-OR

Series ZK6...

Model	Reference	Type
2 terminals		
Push-in spring terminal block grey	1SNK708010R0000	ZK6
Push-in spring terminal block blue	1SNK708020R0000	ZK6-BL
Push-in spring terminal block orange	1SNK708030R0000	ZK6-OR
3 terminals		
Push-in spring terminal block grey	1SNK708011R0000	ZK6-3P
Push-in spring terminal block blue	1SNK708021R0000	ZK6-3P-BL
Push-in spring terminal block orange	1SNK708031R0000	ZK6-3P-OR

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TECHNICAL CHARACTERISTICS

Method of fixing	On TH35-7,5 or TH35-15 rails according to IEC60715 (1981) + amend. 1 (1995)
Number of poles	1
Type of clamping units	Screwless, push-in
Ability to receive conductors	1 from 0,2 to 2,5 mm ² (flexible) (series ZK2,5...) 1 from 0,5 to 4,0 mm ² (flexible) (series ZK4...) 1 from 0,5 to 6,0 mm ² (flexible) (series ZK6...) 1 from 0,2 to 4,0 mm ² (rigid) (series ZK2,5...) 1 from 0,5 to 6,0 mm ² (rigid) (series ZK4...) 1 from 0,5 to 10,0 mm ² (rigid) (series ZK6...)
Rated insulation voltage U _i (V)	1000
Rated cross-section (mm ²)	2,5 (series ZK2,5...) 4,0 (series ZK4...) 6,0 (series ZK6...)
Rated connecting capacity (mm ²)	0,2 to 4,0 (series ZK2,5...) 0,5 to 6,0 (series ZK4...) 0,5 to 10,0 (series ZK6...)
Pollution degree	3
Material Group	I (600 ≤ CTI)
Rated impulse withstand voltage U _{imp} (kV)	8
Rated short-time withstand current I _{sw} (A)	300 A (series ZK2,5...) 480 A (series ZK4...) 720 A (series ZK6...)
Conventional free air thermal current (I _{th})	24 A (series ZK2,5...) 32 A (series ZK4...) 41 A (series ZK6...)

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