TEST REPORT

IEC 61009-1 and/or EN 61009-1

Residual current operated circuit-breakers for over current protection for household and similar installations

Report reference No	03601-A-14CB0006-S 重量处		
Tested by (name+signature):	Dai Weiqiang		
Witnessed by (name+signature):	RABO		
Supervised by (name+signature):	A THE TOTAL STATE OF THE PARTY		
Approved by (name+signature):	Hu Delin		
Date of issue:	2014-04-29		
CB/CCA Testing Laboratory:	Suzhou Electrical Apparatus Science Research Institute Stock Co., Ltd.(EETI)		
Address:	No.7 Yonghe Street, Binhe Road, New District, Suzhou, China		
Testing location /procedure:	TL RMT RMT SMT MP		
Address			
Applicant's name	Zhejiang Tengen Smart Electrics Co., Ltd.		
Address:	No. 2777 West Zhongshan Road, Xiuzhou District, Jiaxing, Zhejiang Province, P.R. China		
Test specification:			
Standard:	IEC 61009-1:1996+A1:2002 (see also IEC 61009-2-1:1991, IEC 61009-2-2:1991)		
	EN 61009-1:2004 (see also EN 61009-2-1:94 + A11:98)		
Test procedure:	CB / CCA		
Non-standard test method:	N/A		
Test Report Form No:	IECEN61009_1A		
TRF originator:	OVE		
Master TRF:	2005-06		
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	Residual current operated circuit breaker		
Trademark:	Tache		
Manufacturer	Zhejiang Tengen Smart Electrics Co., Ltd.		
Series:			
Model and/or type reference:	THB1L-40		
Rating(s):			
Annex 1 of this test report avers	Ue: AC230V; 1P+N In:6A,10A,16A,20A,25A,32A,40A; Type C , D Ics:7500A;Icn:10000A IΔm:3000A ; I△n:30mA,50mA/ Type AC;		

TRF No.: IECEN61009_1A

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Test items particulars:	
Type of RCBO:	AC
Time delay:	without
Method of operating:	dependent on the line voltage
Type of installation:	fixed
Number of poles:	1P+N
Protection against external influences:	unenclosed
Method of mounting:	surface
Method of connection:	bolt-on type
Instantaneous tripping current:	C/D
Rated current (I _N):	6A,10A,16A,20A,25A,32A,40A;
Rated residual operating current (I _{ΔN}):	30mA,50mA
Rated voltage (U _N):	230V~
Rated frequency (Hz):	50Hz
Rated short-circuit capacity (I _{CN}):	10000A
Rated residual making and breaking capacity	3000 A
(1 _M)	

Test case verdicts

Test case does not apply to the test object ...: N/A

Test item does meet the requirement: P(ass)

Test item does not meet the requirement: F(ail)

Type of terminal screw type

Nature of supply AC

Testing

 Date of receipt of test item
 : 2010-01-09
 2013-10-16
 2014-03-20

 Date(s) of performance of test
 : 2010-01-13~2010-01-22
 2013-10-25~2013-10-30
 2014-04-09~2014-04-09

General remarks

This report is not valid as a Test Report according to a Mutual Recognition Agreement (i.e. IECEE-CB, CCA) unless signed by an approved Testing Laboratory and appended to a corresponding Certificate issued by a National Certification Body, signatory to the relevant Scheme.

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.

The basic part of this test report covers the evaluation of the IEC requirements.

Annex 1 of this test report covers the evaluation of the CENELEC common modifications.

General product information

10.3

Ue: AC230V: 1P+N

In:6A,10A,16A,20A,25A,32A,40A; Type C, D

lcs:7500A;lcn:10000A

IΔm:3000A;

I∆n:30mA,50mA/ Type AC;

TRF No.: IECEN61009_1A