

Zhejiang Tengen Electrics Co., Ltd.
Tengen Industry Zone, Liushi,
Yueqing, Zhejiang 325604
P.R. China

Date : 19 June, 2014
Our ref. : Z.H.B.

Ref : Testing Report

Type of Equipment : Moulded-case Circuit-breaker
Model Designation : TGBZ-125B; TGBZ-125C
Report No. : 14711540 001

Dear Ms. Li Li,

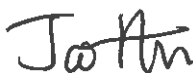
Please find enclosed your authorized copy of the Test Report for the above mentioned technical equipment.

For reference during factory inspection, please have it on hand at the factory on the day of the inspection.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services. Please feel free to contact us whatever your requirements may be.

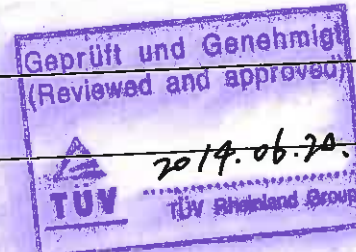
With kind regards,

Jane Hu
Section Manager
Components
Commercial Products
Greater China



Enclosure

Prüfbericht-Nr.: Test Report No.:	14711540 001	Auftrags-Nr.: Order No.:	1160006891	Seite 1 von 365 Page 1 of 365
Kunden-Referenz-Nr.: Client Reference No.:	N/A	Auftragsdatum: Order date:	18.12.2013	
Auftraggeber: Client:	Zhejiang Tengen Electrics Co., Ltd. Tengen Industry Zone, Liushi, Yueqing, Zhejiang 325604 P.R. China			
Prüfgegenstand: Test item:	Moulded-case Circuit-breaker			
Bezeichnung / Typ-Nr.: Identification / Type No.:	TGBZ-125B, TGBZ-125C			
Auftrags-Inhalt: Order content:	TÜV mark approval + CE-LVD			
Prüfgrundlage: Test specification:	EN 60947-2: 2006 + A1: 2009 + A2: 2013			



Wareneingangsdatum: 18.12.2013
Date of receipt:

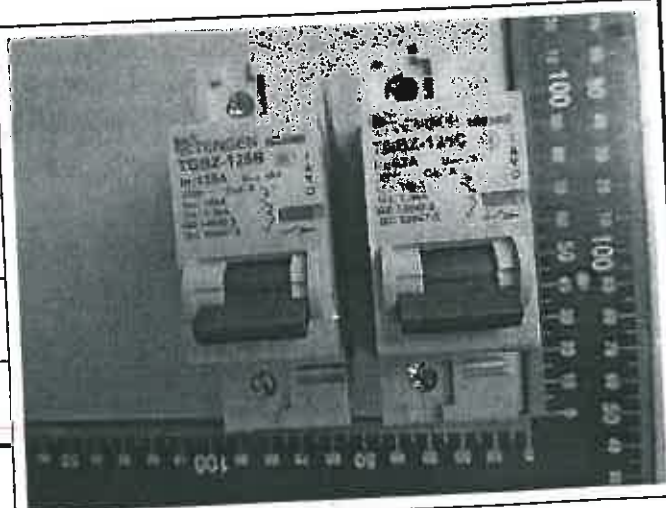
Prüfmuster-Nr.: Refer to test report
Test sample No.:

Prüfzeitraum: 18.12.2013 – 18.02.2014
Testing period:

Ort der Prüfung: See page 3
Place of testing:

Prüflaboratorium: TÜV Rheinland / CCIC
Testing laboratory: (Ningbo) Co., Ltd.

Prüfergebnis*: Pass
Test result*:



geprüft von / tested by:
2014. 2. 19 Hongbo Zhu / Trainee
2014-02-19 Chengjun Wang / PM
Datum / Date **Name / Stellung / Name / Position** **Unterschrift / Signature**

kontrolliert von / reviewed by:

2014. 2. 19 Jane Hu/ TC
Datum / Date **Name / Stellung / Name / Position** **Unterschrift / Signature**

Sonstiges / Other:

Testing laboratory: TÜV Rheinland / CCIC (Ningbo) Co., Ltd. / 3F, Building C13, R&D Park, No.32, Lane 299
Guanghua Road, National Hi-Tech Zone, Ningbo 315048, P.R. China.
Attachment 1: Test equipment list (1 page)

Zustand des Prüfgegenstandes bei Anlieferung:
Condition of the test item at delivery:

Prüfmuster vollständig und unbeschädigt
Test item complete and undamaged

* Legende:	1 = sehr gut	2 = gut	3 = befriedigend	4 = ausreichend	5 = mangelhaft
	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)		N/A = nicht anwendbar	N/T = nicht getestet
Legend:	1 = very good	2 = good	3 = satisfactory	4 = sufficient	5 = poor
	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)		N/A = not applicable	N/T = not tested

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.
This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.

V04



TEST REPORT EN 60947-2 Low-voltage switchgear and controlgear - Part 2: Circuit-breakers	
Report Reference No.	14711540 001
Date of issue	See cover page
Total number of pages.....	See cover page
Testing Laboratory	TÜV Rheinland / CCIC (Ningbo) Co., Ltd.
Address.....	3F, Building C13, R&D Park, No.32, Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo 315048, P.R. China.
Applicant's name	Zhejiang Tengen Electrics Co., Ltd.
Address.....	Tengen Industry Zone, Liushi, Yueqing, Zhejiang 325604, P.R. China
Test specification:	
Standard	EN 60947-2:2006 + A1: 2009 + A2: 2013
Test procedure	TÜV mark approval + CE-LVD
Non-standard test method.....	N/A
Test Report Form No.....	IEC60947_2G
Test Report Form(s) Originator	DEKRA Certification BV
Master TRF.....	Dated 2013-11
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Test item description.....	Moulded Case Circuit Breaker
Trade Mark	TENGEN
Manufacturer.....	Zhejiang Tengen Electrics Co., Ltd.
Model/Type reference.....	TGBZ-125B, TGBZ-125C
Ratings.....	Ue: 400V AC (2P, 3P, 4P), 230V AC (1P), In: 63 A, 80 A, 100 A, 125 A Ics: 7,5 kA, Icu: 10 kA, IP20 ambient: -5-40°C, reference temperature: 30°C



Testing procedure and testing location:		
☒	Testing Laboratory:	The Low Voltage Apparatus Laboratory of Zhejiang Testing & Inspection Institute for Mechanical and Electrical Products Quality (ZTME)
Testing location/ address..... :		No.125, Miaohouwang Road, Binjiang District, Hangzhou, Zhejiang 310015, P.R.China
Tested by (name + signature).....:		
Approved by (name + signature).....:		
☐	Testing procedure: TMP	
Testing location/ address..... :		
Tested by (name + signature).....:		
Approved by (name + signature).....:		
☐	Testing procedure: WMT	
Testing location/ address..... :		
Tested by (name + signature).....:		
Witnessed by (name + signature).....:		
Approved by (name + signature).....:		
☐	Testing procedure: SMT	
Testing location/ address..... :		
Tested by (name + signature).....:		
Approved by (name + signature).....:		
Supervised by (name + signature).....:		

