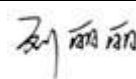





<b>TEST REPORT</b> <b>EN 60947-2</b> <b>Low-voltage switchgear and controlgear - Part 2: Circuit-breakers</b>	
Report Number..... :	00901-CE2020CQC0303-011350
Date of issue..... :	2020-09-23
Total number of pages .....	207
Name of Testing Laboratory preparing the Report .....	Shanghai Testing & Inspection Institute for Electrical Equipment Co.,Ltd (STIEE)
Applicant's name .....	Zhejiang Tengen Electric Co.,Ltd.
Address..... :	Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Test specification:</b>	
Standard .....	EN 60947-2:2017
Test procedure .....	CCA Scheme
Non-standard test method .....	N/A
Test Report Form No. .... :	60947_2H
Test Report Form(s) Originator .... :	DEKRA Certification B.V.
Master TRF .....	Dated 2017-04
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<b>Non-delay disclaimer:</b>	
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 CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	
Test item description..... :	Moulded case circuit breaker
Trade Mark..... :	Tache
Manufacturer .....	Zhejiang Tengen Electric Co., Ltd.
Model/Type reference .....	TeM5ED-125L, TeM5ED-125M, TeM5ED-125H, (TeM5ED-250L, TeM5ED-250M, TeM5ED-250H)
Ratings .....	Ue:AC380V/AC400V/AC415V In:63~125A (adjustable ) ( TeM5ED-125L, TeM5ED-125M, TeM5ED-125H) In:100~250A (adjustable ) (TeM5ED-250L, TeM5ED-250M, TeM5ED-250H)

<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>Testing Laboratory:</b>	Shanghai Testing & Inspection Institute for Electrical Equipment Co.,Ltd (STIEE)
<b>Testing location/ address .....</b>		505 Wu Ning Rd. Shanghai 200063, P.R. CHINA
<b>Tested by (name, function, signature) .....</b>		Liu lili/Engineer 
<b>Approved by (name, function, signature) ..</b>		Wei Qingyuan/Senior Engineer 
<hr/>		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 1:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name, function, signature):</b>		
<b>Approved by (name, function, signature) ..</b>		
<hr/>		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 2:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name + signature) .....</b>		
<b>Witnessed by (name, function, signature) .</b>		
<b>Approved by (name, function, signature) ..</b>		
<hr/>		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 3:</b>	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 4:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name, function, signature):</b>		
<b>Witnessed by (name, function, signature) .</b>		
<b>Approved by (name, function, signature) ..</b>		
<b>Supervised by (name, function, signature) :</b>		
<hr/>		

**List of Attachments (including a total number of pages in each attachment): N/A**

**Summary of testing:**

**In case of alternative test programs for circuit breakers with a different number of poles, the following program is used:**

☒ Programme 1 (three pole fully tested)

☐ Programme 2 (four pole fully tested)

☐ Alternative program not applicable

**Tests performed (name of test and test clause):**

Type	Ue	In	Poles	Sequence
#01 TeM5ED-250L with Auxiliary contact	AC380VAC400V/AC415V	250A	3P	I
#02 TeM5ED-250L with Auxiliary contact	AC380VAC400V/AC415V	250A	3P	I
#03 TeM5ED-250L	AC380VAC400V/AC415V	250A	3P	II
#04 TeM5ED-125L	AC380VAC400V/AC415V	63A	3P	II
#05 TeM5ED-250M	AC380VAC400V/AC415V	250A	3P	II
#06 TeM5ED-125M	AC380VAC400V/AC415V	63A	3P	II
#07 TeM5ED-250H	AC380VAC400V/AC415V	250A	3P	II
#08 TeM5ED-125H	AC380VAC400V/AC415V	63A	3P	II
#09(F1) TeM5ED-250L	AC380VAC400V/AC415V	250A	3P	III
#10 TeM5ED-125L	AC380VAC400V/AC415V	63A	3P	III
#11 TeM5ED-250L	AC380VAC400V/AC415V	250A	3P	IV
#12 TeM5ED-125L	AC380VAC400V/AC415V	63A	3P	IV
#13 TeM5ED-250L	AC380VAC400V/AC415V	250A	3P	ANNEX F
#14 TeM5ED-250L	AC380VAC400V/AC415V	250A	3P	ANNEX F
#16 TeM5ED-250L with Auxiliary contact	AC380VAC400V/AC415V	250A	3P+N	I
#19 TeM5ED-250L with Auxiliary contact	AC380VAC400V/AC415V	250A	3P+N	I
#17 TeM5ED-250L	AC380VAC400V/AC415V	250A	3P+N	III
#18 TeM5ED-125L	AC380VAC400V/AC415V	63A	3P+N	III

Remark: 1)The circuit breakers of L type,M type, H type are fully identical except the short circuit capacities and type references marked on the labels. Therefore, the tests conducted on L type with maximum short-circuit breaking capacity are selected among test sequences to cover all types.

**Testing location:**

Shanghai Testing & Inspection Institute for Electrical Equipment Co.,Ltd (STIEE)  
505 Wu Ning Rd. Shanghai 200063, P.R. CHINA

**Summary of compliance with National Differences (List of countries addressed): N/A**

☐ The product fulfils the requirements of \_\_\_\_\_ (insert standard number and edition and delete the text in parenthesis, leave it blank or delete the whole sentence, if not applicable)