

Test Report issued under the responsibility of:



**TEST REPORT**  
**EN 60947-2**  
**Low-voltage switchgear and controlgear - Part 2: Circuit-breakers**

Report Number.....: (2023)FQIIDQCE-0339

Date of issue.....: 2023-10-25

Total number of pages.....: 27

Name of Testing Laboratory preparing the Report.....: Fujian Inspection and Research Institute for Product Quality (FQII)

Applicant's name.....: Zhejiang Tengen Electric Co.,Ltd.

Address.....: Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China

**Test specification:**

Standard.....: EN 60947-2:2017,EN 60947-2:2017/A1:2020

Non-standard test method.....: N/A

Test Report Form No. ....: IEC60947\_2K

Test Report Form(s) Originator..: DEKRA Certification B.V.

Master TRF.....: Dated 2023-09-14

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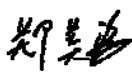
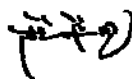
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<b>Test item description .....</b>	MCCB
<b>Trade Mark(s).....</b>	TENGEN
<b>Manufacturer .....</b>	Zhejiang Tengen Electric Co.,Ltd. / Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Model/Type reference .....</b>	TGM3-400L,TGM3-400M,TGM3-400H
<b>Ratings.....</b>	Uimp:8kV;Ui: 800V; Ue:AC400/690V; In: 225A,250A, 315A,350A,400A; Type of over-current release: Thermo-magnetic, Electro- magnetic; 400V:Type L:Ics:35kA,Icu:50kA; Type M:Ics:65kA,Icu:65kA; Type H:Ics:65kA,Icu:85kA; 690V:Type L:Ics:10kA,Icu:15kA; Type M:Ics:20kA,Icu:20kA; Type H:Ics:20kA,Icu:30kA; Selectivity category:A; 3P,3P+N(Type A:3 protected poles with an uninterrupted neutral pole;Type D:3 protected poles with a protected uninterrupted neutral pole); 4P(Type B:3 protected poles with a switched neutral pole;Type C:4 protected poles); 3P,4P:Suitable for isolation; 3P+N:Not suitable for isolation; Matching auxiliary contact:FC38-400, 1NO1NC,2NO2NC,4NO4NC; Ith:6A; AC-15:(380/400)V/1A; DC-13:(220/230)V/0.15A; Electronic accessory complying with annex N: Undervoltage release:QT38-400, Us:AC(220/230)V,AC(380/400)V; Motor-operator: CD2-400, Us:AC(220/230)V,AC(380/400)V

<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>CB Testing Laboratory:</b>	Fujian Inspection and Research Institute for Product Quality(FQII)
<b>Testing location/ address .....</b>		No.6,Shuangfeng Road, Hongshan,Gulou District, Fuzhou,Fujian 350002 China & No.101,Baozhen Road,Mawei, Mawei District,Fuzhou,Fujian 350015 China (2)
<b>Tested by (name, function, signature) ....:</b>		Zheng Meihai (Engineer) 
<b>Approved by (name, function, signature) :</b>		Wei Yunming (Chief Engineer) 
<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>		
<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>		
<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>		