



Test Report issued under the responsibility of:



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

Report Number.....: (2024)FQIIDQ-1190
Date of issue.....: 2024-09-30
Total number of pages.....: 161

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.....: IEC 60947-2:2016, IEC 60947-2:2016/AMD1:2019, for use in conjunction IEC 60947-1:2007, IEC 60947-1:2007/AMD1:2010, IEC 60947-1:2007/AMD2:2014
Test procedure .....: CB Scheme
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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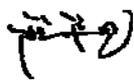
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<b>Test item description</b> .....	Moulded Case Circuit Breaker
<b>Trade Mark(s)</b> .....	/
<b>Manufacturer</b> .....	Zhejiang Tengen Electric Co.,Ltd./ Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Model/Type reference</b> .....	TGM3-800L,TGM3-800M,TGM3-800H,TGM3-800R
<b>Ratings</b> :	<p>           Ui:1000V;Uimp:12kV;            Ue:AC380V/AC400V/AC415V;            In: 400A,500A,600A,630A,650A,700A,800A;            Type of over-current release:Thermo-magnetic;            Trip class:20;            Type L:ics:50kA,Icu:50kA;Type M:ics:70kA,Icu:70kA;            Type H:ics:75kA,Icu:100kA;Type R:ics:100kA,Icu:100kA;            Selectivity category:A;50Hz/60Hz;            3P,4P,3P+N;Suitable for isolation(Except 3P+N);            Matching auxiliary contact: OF3M40,            Alarm contact: SD3M40:1NO1NC,2NO2NC;            Ui:690V;Ith:5A;AC-15:AC380V/400V/415V/0.3A;            DC-13:DC110V/220V/250V/0.15A;            Electronic accessory complying with annex N:            Motor-operator:AC/DC 110V/220V/230V/240V,            AC380V/AC400V/AC415V;            Undervoltage release: AC220V/ AC230V/AC240V,            AC380V/AC400V/AC415.         </p>

<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
<b>Tested by (name, function, signature).....:</b>		Su Xiongbin (Engineer) 
<b>Approved by (name, function, signature)....:</b>		Wei Yunming (Chief Engineer) 
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<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>		
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<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>		
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<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>		