



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-1189
Date of issue.....: 2024-09-24
Total number of pages.....: 174

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 (2)

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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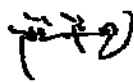
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<b>Test item description</b> .....	Moulded Case Circuit Breaker
<b>Trade Mark(s)</b> .....	/
<b>Manufacturer</b> .....	Zhejiang Tengen Electric Co.,Ltd./ Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Model/Type reference</b> .....	TGM3-630C,TGM3-630E,TGM3-630L, TGM3-630M,TGM3-630H,TGM3-630R
<b>Ratings</b> :	<p>Ui:1000V;Uimp:12kV;  Ue:AC380V/AC400V/AC415V;50Hz/60Hz;  In: 400A,500A,600A,630A;  Type of over-current release:Thermo-magnetic;  Type C:Ics:36kA,Icu:36kA;Type E:Ics:40kA,Icu:40kA;  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;  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:  Undervoltage release: AC220V/ AC230V/AC240V,  AC380V/AC400V/AC415;  Motor-operator:AC/DC 110V/220V/230V/240V,  AC380V/AC400V/AC415V.</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 (2)
<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>		