



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-1125
Date of issue.....: 2024-06-25
Total number of pages..... 191

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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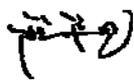
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Test item description	Moulded Case Circuit Breaker
Trade Mark(s)	/
Manufacturer	Zhejiang Tengen Electric Co.,Ltd./ Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
Model/Type reference	TGM3-400C,TGM3-400E,TGM3-400L, TGM3-400M,TGM3-400H,TGM3-400R
Ratings :	<p>Ui:1000V;Uimp:12kV; Ue:AC380V/AC400V/AC415V;50Hz/60Hz; In: 225A,250A,315A,350A,400A; 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;Trip class:20 ; 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.</p>

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Fujian Inspection and Research Institute for Product Quality(FQII)
Testing location/ address.....:		No.6,Shuangfeng Road, Hongshan,Gulou District, Fuzhou,Fujian 350002 China & No.101,Baozhen Road,Mawei, Mawei District,Fuzhou,Fujian 350015 China
Tested by (name, function, signature).....:		Su Xiongbin (Engineer) 
Approved by (name, function, signature)....:		Wei Yunming (Chief Engineer) 
<hr/>		
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
Testing location/ address.....:		
Tested by (name, function, signature):		
Approved by (name, function, signature)....:		
<hr/>		
<input type="checkbox"/>	Testing procedure: CTF Stage 2:	
Testing location/ address.....:		
Tested by (name + signature)		
Witnessed by (name, function, signature)..:		
Approved by (name, function, signature)....:		
<hr/>		
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	
<input type="checkbox"/>	Testing procedure: CTF Stage 4:	
Testing location/ address.....:		
Tested by (name, function, signature):		
Witnessed by (name, function, signature)..:		
Approved by (name, function, signature)....:		
Supervised by (name, function, signature) :		