



<b>TEST REPORT</b> <b>EN 60947-2</b> <b>Low-voltage switchgear and controlgear - Part 2: Circuit-breakers</b>	
<b>Report Number.....:</b>	(2023)FQIIDQCE-0333
<b>Date of issue.....:</b>	2023-10-25
<b>Total number of pages.....:</b>	28
<b>Name of Testing Laboratory preparing the Report.....:</b>	Fujian Inspection and Research Institute for Product Quality (FQII)
<b>Applicant's name .....</b>	Zhejiang Tengen Electric Co., Ltd.
<b>Address .....</b>	Sulv Industrial Area, Lushi Town, Yueqing City, Zhejiang Province, P.R.China
<b>Test specification:</b>	
<b>Standard .....</b>	EN 60947-2:2017, EN 60947-2:2017/A1:2020
<b>Non-standard test method .....</b>	N/A
<b>Test Report Form No. ....:</b>	IEC60947_2K
<b>Test Report Form(s) Originator..:</b>	DEKRA Certification B.V.
<b>Master TRF .....</b>	Dated 2023-09-14
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<b>Test item description .....</b>	CBR
<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>	TGM3L-800L,TGM3L-800M,TGM3L-800H
<b>Ratings.....</b>	Uimp:8kV;Ui:800V;Ue:AC400V; In:400A,500A,600A,630A,700A,800A;Type of over-current release: thermo-magnetic,electro-magnetic; Type L:Ics:35kA,Icu:50kA; Type M:Ics:65kA,Icu:65kA; Type H:Ics:65kA,Icu:85kA; I $\Delta$ n:50mA/75mA/100mA/150mA/200mA/300mA/400mA/ 500mA/600mA/800mA/1000mA(Optional three by fixed steps or one fixed)/Type AC, Type of residual current release: Electronic; I $\Delta$ m=25%Icu;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,Ui:690V;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:CD2-800,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
<b>Tested by (name, function, signature) ....:</b>		Xu Jiafeng (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>		