
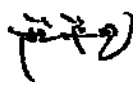




TEST REPORT EN 60947-2 Low-voltage switchgear and controlgear - Part 2: Circuit-breakers	
Report Number.....:	(2023)FQIIDQCE-0336
Date of issue.....:	2023-10-25
Total number of pages	27
Name of Testing Laboratory preparing the Report.....:	Fujian Inspection and Research Institute for Product Quality (FQII)
Applicant's name	Zhejiang Tengen Electric Co.,Ltd.
Address	Sulv Industrial Area, Lishi 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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Test item description	MCCB
Trade Mark(s).....	TENGEN
Manufacturer	Zhejiang Tengen Electric Co.,Ltd. / Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang Province, P.R.China
Model/Type reference	TGM3-250L,TGM3-250M,TGM3-250H
Ratings.....	Uimp:8kV;Ui: 800V; Ue:AC400V/690V; In:100A,125A,140A,160A180A,200A,225A,250A; Type of over-current release: Thermal-magnetic,Electro- magnetic; 400V:Type L:Ics:26kA,Icu:35kA;Type M:Ics:50kA,Icu:50kA; Type H:Ics:50kA,Icu:65kA; 690V:Type L:Ics5kA,Icu:5kA;Type M:Ics:5kA,Icu:10kA; Type H:Ics:10kA,Icu:15kA; 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:FC34-250, 1NO1NC,2NO2NC,4NO4NC, Ui:690V,Ith:3A, AC-15:(380/400)V/0.3A,DC-13:(220/230)V/0.15A; Electronic accessory complying with annex N: Undervoltage release:QT34-250, Us:AC(220/230)V,AC(380/400)V; Motor-operator:CD2-250,Us:AC(220/230)V,AC(380/400)V

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 (2)
Tested by (name, function, signature):		Jiang Changjie (Engineer) 
Approved by (name, function, signature) :		Wei Yunming (Chief Engineer) 
Testing procedure: CTF Stage 1:		
Testing location/ address		
Tested by (name, function, signature) :		
Approved by (name, function, signature) :		
Testing procedure: CTF Stage 2:		
Testing location/ address		
Tested by (name + signature)		
Witnessed by (name, function, signature) :		
Approved by (name, function, signature) :		
Testing procedure: CTF Stage 3:		
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)		