




Test Report issued under the responsibility of:



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| <b>TEST REPORT</b><br><b>IEC 60947-2</b><br><b>Low-voltage switchgear and controlgear - Part 2: Circuit-breakers</b>   |  |
| <b>Report Number.....:</b>   | (2018)FQIIDQ-0609  |
| <b>Date of issue.....:</b>   | 2019-01-25   |
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| <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 Electrics Co., Ltd.  |
| <b>Address.....:</b>   | Sulv Industry Zone, Liushi Town, Yueqing City, Zhejiang Province, P.R.China                                      |
| <b>Test specification:</b>   |  |
| <b>Standard.....:</b>  | IEC 60947-2:2016   |
| <b>Test procedure.....:</b>  | CB Scheme  |
| <b>Non-standard test method.....:</b>  | N/A  |
| <b>Test Report Form No.....:</b>   | IEC60947_2H  |
| <b>Test Report Form(s) Originator.....:</b>  | DEKRA Certification B.V.   |
| <b>Master TRF.....:</b>  | Dated 2017-04  |
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| <b>Test item description.....:</b>   | MCCB   |
| <b>Trade Mark.....:</b>  | <b>TENGEN</b>  |
| <b>Manufacturer.....:</b>  | Zhejiang Tengen Electrics Co.,Ltd. / Sulv Industry Zone, Liushi Town, Yueqing City, Zhejiang Province, P.R.China |
| <b>Model/Type reference.....:</b>  | TGM3-125L,TGM3-125M,TGM3-125H  |

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| <b>Ratings.....:</b> | <p>Uimp:8kV;Ui:800V;<br/> Ue:AC400V/690V;<br/> In:16A,20A,25A,32A,40A,50A,63A,80A,100A,125A;<br/> Type of over-current release: Thermo-magnetic,Electro-magnetic;<br/> 400V:Type L:Ics:26kA,Icu:35kA;<br/> Type M:Ics:50kA,Icu:50kA;<br/> Type H:Ics:50kA,Icu:65kA;<br/> 690V:Type L:Ics5kA,Icu:5kA;<br/> Type M:Ics:5kA,Icu:10kA;<br/> Type H:Ics:10kA,Icu:15kA;<br/> Selectivity category:A;<br/> 3P,3P+N(Type A:3 protected poles with an uninterrupted neutral pole;Type D:3 protected poles with a protected uninterrupted neutral pole);<br/> 4P(Type B:3 protected poles with a switched neutral pole;Type C:4 protected poles );<br/> 3P,4P:Suitable for isolation;<br/> 3P+N:Not suitable for isolation;<br/> Matching auxiliary contact:FC34-100,1NO1NC,2NO2NC,4NO4NC;Ui:690;Ith:3A;<br/> AC-15:(380/400)V/0.3A;<br/> DC-13:(220/230)V/0.15A;<br/> Electronic accessory complying with annex N:<br/> Undervoltage release:QT34-125,<br/> Us:AC(220/230)V,AC(380/400)V;<br/> Motor-operator: CD2-125, Us:AC(220/230)V,AC(380/400)V</p> |
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| <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. 121, Shan Tou Jiao, West Yang Qiao Road, Fuzhou, Fujian, P.R.China  |
| <b>Tested by (name, function, signature).....:</b>  |                               | Jiang Changjie<br>(Engineer)     |
| <b>Approved by (name, function, signature)...:</b>  |                               | Wei Yunming<br>(Chief Engineer)  |
| <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>  |                               |   |
| <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>  |                               |   |
| <b>Testing procedure: CTF Stage 3:</b>  |                               |   |
| <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>   |                               |   |