



Test Report issued under the responsibility of:



TEST REPORT IEC 60269-6 Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems	
Report Number	00901-CB2016-CQC-072988
Date of issue	2016-10-12
Total number of pages	48
Applicant's name	Zhejiang Tengen Electric Co., Ltd.
Address	TENGEN Industry Zone, Liusni, Yueqing City, Zhejiang Province, P.R.China
Test specification:	
Standard	IEC 60269-6: 2010 (First Edition) for use in conjunction with IEC 60269-1:2006 (Fourth edition) +A1:2009
Test procedure.....	CB Scheme
Non-standard test method.....	N/A
Test Report Form No.....	IEC60269_6A
Test Report Form(s) Originator.....	VDE
Master TRF	2012-01
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Test item description.....	Fuse-links for the protection of solar photovoltaic energy systems
Trade Mark.....	TENGEN
Manufacturer	Zhejiang Tengen Electric Co., Ltd.
Model/Type reference	RT18-PV/□
Ratings.....	RT18-PV/□ Un: DC1000V In: 2A,4A,6A,8A,10A,12A,15A,16A,20A Rated breaking capacity: 20kA Breaking range and utilization category: gPV



Testing procedure and testing location:		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Shanghai Testing & Inspection Institute for Electrical Equipment (STIEE)
Testing location/ address		505 Wu Ning Rd. Shanghai 200063, P.R. CHINA
<input type="checkbox"/>	Associated CB Laboratory:	
Testing location/ address		
	Tested by (name + signature).....:	Zhuang Xiaoli 庄晓丽
	Approved by (name + signature)....:	Wei Qingyuan 魏庆媛
<input type="checkbox"/>	Testing procedure: TMP	
Testing location/ address		
	Tested by (name + signature).....:	
	Approved by (name + signature)....:	
<input type="checkbox"/>	Testing procedure: WMT	
Testing location/ address		
	Tested by (name + signature).....:	
	Witnessed by (name + signature)..:	
	Approved by (name + signature)....:	
<input type="checkbox"/>	Testing procedure: SMT	
Testing location/ address		
	Tested by (name + signature).....:	
	Approved by (name + signature)....:	
	Supervised by (name + signature) :	
<input type="checkbox"/>	Testing procedure: RMT	
Testing location/ address		
	Tested by (name + signature).....:	
	Approved by (name + signature)....:	
	Supervised by (name + signature) :	

List of Attachments (including a total number of pages in each attachment): Internal resistance of the fuse-links measurements see page 47 Temperature-rise and power dissipation measurements see page 48	
Summary of testing:	
Tests performed (name of test and test clause): RT18-PV/ <input type="checkbox"/> In=20A Table 102 of IEC60269-6 RT18-PV/ <input type="checkbox"/> In=12A Table 103 of IEC60269-6 RT18-PV/ <input type="checkbox"/> In=10A Table 102 of IEC60269-6 RT18-PV/ <input type="checkbox"/> In=2A Table 103 of IEC60269-6	Testing location: Shanghai Testing & Inspection Institute for Electrical Equipment (STIEE) 505 Wu Ning Rd. Shanghai 200063, P.R. CHINA
Summary of compliance with National Differences:N/A	