

Test Report issued under the responsibility of:




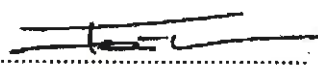
<b>TEST REPORT</b> <b>IEC 60269-6</b> <b>Low-voltage fuses –</b> <b>Part 6: Supplementary requirements for fuse-links for the protection</b> <b>of solar photovoltaic energy systems</b>	
<b>Report Number</b> .....	2.03.02598.1.0/CH10x85/gPV/1500-1200VDC/STC
<b>Date of issue</b> .....	19.01.2013
<b>Total number of pages</b> .....	27
<b>CB Testing Laboratory</b> .....	AIT Austrian Institute of Technology GmbH
<b>Address</b> .....	1210 Vienna, Giefinggase 2, AUSTRIA
<b>Applicant's name</b> .....	ETI Elektroelement d.d.
<b>Address</b> .....	1411 Izlake, Obrezija 5, SLOVENIA
<b>Test specification:</b>	
<b>Standard</b> .....	IEC 60269-6:2010 (First Edition) for use in conjunction with IEC 60269-1:2006 (Fourth edition) + A1:2009
<b>Test procedure</b> .....	Statement of conformity
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	IEC60269_6A
<b>Test Report Form(s) Originator</b> .....	VDE
<b>Master TRF</b> .....	2012-01
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<b>This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.</b>	
<b>Test item description</b> .....	Cylindrical fuse-links for the protection of solar photovoltaic energy systems
<b>Trade Mark</b> .....	ETI
<b>Manufacturer</b> .....	ETI Elektroelement d.d.
<b>Model/Type reference</b> .....	CH 10x85 gPV
<b>Ratings</b> .....	2A, 4A, 6A, 8A, 10A, 12A, 16A, 20A, 25A / 1500V d.c. (2A...16A), 1200V d.c. (20A...25A) / gPV

**Testing procedure and testing location:**

**CB/CCA Testing Laboratory:**  
 Testing location/ address .....: AIT Austrian Institute of Technology GmbH  
 A-1210, Vienna, Giefinggase 2

**Associated CB Laboratory:**  
 Testing location/ address .....: ---

Tested by (name + signature) .....: Ing.J.Ainetter 

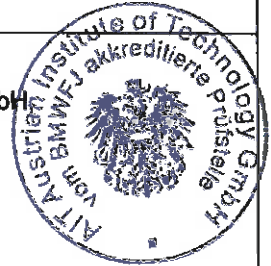
Approved by (+ signature) .....: Ing.K.Farhofer 

**Testing procedure: TMP**  
 Tested by (name + signature) .....: ---  
 Approved by (+ signature) .....: ---  
 Testing location/ address .....: ---

**Testing procedure: WMT**  
 Tested by (name + signature) .....: ---  
 Witnessed by (+ signature) .....: ---  
 Approved by (+ signature) .....: ---  
 Testing location/ address .....: ---

**Testing procedure: SMT**  
 Tested by (name + signature) .....: ---  
 Approved by (+ signature) .....: ---  
 Supervised by (+ signature) .....: ---  
 Testing location/ address .....: ---

**Testing procedure: RMT**  
 Tested by (name + signature) .....: ---  
 Approved by (+ signature) .....: ---  
 Supervised by (+ signature) .....: ---  
 Testing location/ address .....: ---



**List of Attachments (including a total number of pages in each attachment):**

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**Summary of testing:****Tests performed:**

A type test was performed according to

- IEC 60269-1 Ed. 4.1:2009
- IEC 60269-6 Ed. 1.0:2010

The cylindrical fuse-links for the protection of solar photovoltaic energy systems

- CH 10x85 gPV
- have passed the type test successfully.

**Testing location:**










AIT Austrian Institute of Technology GmbH  
 Business Unit Electric Energy Systems  
 Power Service Center  
 Giefinggasse 2  
 1210 Vienna  
 AUSTRIA

The AIT Austrian Institute of Technology GmbH is a recognized CB/CCA Testing Laboratory under the responsibility of OVE as the National Certification Body.

**Summary of compliance with National Differences:**

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Copy of marking plate:

<b>ETI</b>  <b>CE</b> <b>10x85 gPV</b> (L/R=2ms) DC 1500V IEC60269-6 <b>2A</b> I <sub>t</sub> = 10kA Cd/Pb free	<b>ETI</b>  <b>CE</b> <b>10x85 gPV</b> (L/R=2ms) DC 1500V IEC60269-6 <b>4A</b> I <sub>t</sub> = 10kA Cd/Pb free	<b>ETI</b>  <b>CE</b> <b>10x85 gPV</b> (L/R=2ms) DC 1500V IEC60269-6 <b>6A</b> I <sub>t</sub> = 10kA Cd/Pb free
<b>ETI</b>  <b>CE</b> <b>10x85 gPV</b> (L/R=2ms) DC 1500V IEC60269-6 <b>8A</b> I <sub>t</sub> = 10kA Cd/Pb free	<b>ETI</b>  <b>CE</b> <b>10x85 gPV</b> (L/R=2ms) DC 1500V IEC60269-6 <b>10A</b> I <sub>t</sub> = 10kA Cd/Pb free	<b>ETI</b>  <b>CE</b> <b>10x85 gPV</b> (L/R=2ms) DC 1500V IEC60269-6 <b>12A</b> I <sub>t</sub> = 10kA Cd/Pb free
<b>ETI</b>  <b>CE</b> <b>10x85 gPV</b> (L/R=2ms) DC 1500V IEC60269-6 <b>16A</b> I <sub>t</sub> = 10kA Cd/Pb free	<b>ETI</b>  <b>CE</b> <b>10x85 gPV</b> (L/R=2ms) DC 1200V IEC60269-6 <b>20A</b> I <sub>t</sub> = 10kA Cd/Pb free	<b>ETI</b>  <b>CE</b> <b>10x85 gPV</b> (L/R=2ms) DC 1200V IEC60269-6 <b>25A</b> I <sub>t</sub> = 10kA Cd/Pb free

