

Test Report issued under the responsibility of:



**TEST REPORT  
IEC 60269-2**

**Low-voltage fuses**

**Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to I**

Report Reference No. ....: 2.03.00938.1.0/CH8/400/gG/CB/CCA

Date of issue.....: 19.05.2009

Total number of pages ..... 42 pages

CB Testing Laboratory.....: ÖFPZ Arsenal Ges.m.b.H.

Address .....: 1210 Wien, Giefinggase 2, AUSTRIA

Applicant's name.....: ETI Elektroelement d.d.

Address .....: 1411 Izlake, Obrezija 5, SLOVENIA

**Test specification:**

Standard .....: IEC 60269-2:2006 (third edition) (see also IEC 60269-1:2006)

Test procedure .....: CB

Non-standard test method.....: N/A

Test Report Form No. ....: IEC60269\_2A

Test Report Form(s) Originator.....: EZU

Master TRF.....: Dated 2007-12

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Test item description .....: Cylindrical fuse-links

Trade Mark .....: ETI

Manufacturer .....: ETI Elektroelement d.d.

Model/Type reference .....: CH8 / 8x32

Ratings .....: 2A, 4A, 6A, 8A, 10A, 12A, 16A, 20A / 400VAC / gG

<b>Testing procedure and testing location:</b>	
<input checked="" type="checkbox"/> <b>CB Testing Laboratory:</b> Testing location / address ..... : ÖFPZ Arsenal Ges.m.b.H., Giefinggase 2, A-1210 Wien	
<input type="checkbox"/> <b>Associated CB Test Laboratory:</b> Testing location / address ..... : ---  Tested by (name + signature)..... : Ing.J.Ainetter Approved by (name + signature)..... : Ing.K.Farthofer	
<input type="checkbox"/> Testing procedure: TMP Tested by (name + signature)..... : --- Approved by (name + signature)..... : --- Testing location / address ..... : ---	     
<input type="checkbox"/> Testing procedure: WMT Tested by (name + signature)..... : --- Witnessed by (name + signature)..... : --- Approved by (name + signature)..... : --- Testing location / address ..... : ---	     
<input type="checkbox"/> Testing procedure: SMT Tested by (name + signature)..... : --- Approved by (name + signature)..... : --- Supervised by (name + signature) .. : --- Testing location / address ..... : ---	     
<input type="checkbox"/> Testing procedure: RMT Tested by (name + signature)..... : --- Approved by (name + signature)..... : --- Supervised by (name + signature) .. : --- Testing location / address ..... : ---	     

<p><b>Summary of testing:</b></p>	
<p><b>Tests performed:</b></p> <p>A type test was performed according to</p> <ul style="list-style-type: none"> <li>IEC 60269-1:2006, 4<sup>th</sup> Edition</li> <li>EN 60269-1:2007</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>IEC 60269-2:2006, 3<sup>rd</sup> Edition</li> <li>HD 60269-2:2007</li> </ul> <p>The cylindrical fuse-links</p> <ul style="list-style-type: none"> <li>CH8 / 8x32</li> </ul> <p>have passed the type test successfully.</p>	<p><b>Testing location:</b></p> <p>ÖFPZ Arsenal Ges.m.b.H., Business Unit Monitoring, Energy and Drive Technologies, Power Service Center, Giefinggasse 2, A-1210 Wien</p> <p>The ÖFPZ Arsenal Ges.m.b.H. is a recognized CB / CCA Testing Laboratory under the responsibility of OVE as the National Certification Body.</p>
<p><b>Summary of compliance with National Differences:</b></p> <p>---</p>	
<p><b>Test performance:</b></p> <p>The type test was performed according to IEC 60269-1 and IEC 60269-2 (CB-scheme) as well as according to EN 60269-1 and HD 60269-2 (CCA-scheme).</p> <p>In case of differences in test requirements between IEC and EN, all tests were performed under the more severe conditions.</p> <p>This test report is valid as a CB Test Report as well as a CCA Test Report.</p>	
<p><b>Copy of marking plate</b></p>	

**Ratings:**

Identification reference .....	2A: 002610001 4A: 002610003 6A: 002610005 8A: 002610006 10A: 002610007 12A: 002610008 16A: 002610009 20A: 002610011
Nature of supply .....	AC
Size .....	8x32
Utilization category .....	gG
Rated currents .....	2A, 4A, 6A, 8A, 10A, 12A, 16A, 20A
Rated voltage .....	400V
Rated frequency .....	45Hz to 62Hz
Rated breaking capacity .....	50kA
Homogeneous series .....	2A 4A 6A 8A 10A to 16A 20A
Type of contacts .....	Cylindrical caps
Material of contacts .....	CuZn20 gal. Ag
Material of fuse-link body .....	Steatit C410
Extinguishing means .....	Quartzsand

**Test item particulars:**

Classification of installation and use .....	Fuse-links for use by authorized persons
Supply Connection .....	Acc. to IEC/EN 60269-2
Fuse system.....	F

**Possible test case verdicts:**

- test case does not apply to the test object .....	N (Not applicable)
- test object does meet the requirement .....	P (Pass)
- test object does not meet the requirement .....	F (Fail)

**Testing:**

Date of receipt of test item.....	05/2008
Date(s) of performance of tests.....	05/2008 to 08/2008

**General remarks:**

The test results presented in this report relate only to the object tested.  
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure #)" refers to additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.