



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. : 2.03.01157.1.0/CH14/690-500/gG/CB/CCA
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CB Testing Laboratory..... : ÖFPZ Arsenal Ges.m.b.H.
Address : 1210 Vienna, 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..... : 2009-08


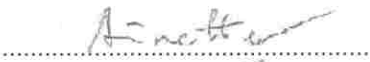
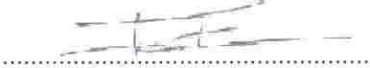
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Test item description : Cylindrical fuse-links
Trade Mark : ETI
Manufacturer : ETI Elektroelement d.d.
Model/Type reference : CH14 / 14x51
Ratings : 690V a.c.: 2A, 4A, 6A, 8A, 10A, 12A, 16A, 20A, 25A, 32A, 40A / gG
500V a.c.: 50A / gG

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

Summary of testing:

Tests performed:

A type test was performed according to

- IEC 60269-1:2006, 4th Edition
- EN 60269-1:2007

and

- IEC 60269-2:2006, 3rd edition
- HD 60269-2:2007

The cylindrical fuse-links

- CH14 / 14x51

have passed the type test successfully.

Testing location:

ÖFPZ Arsenal Ges.m.b.H.
 Business Unit Electric Energy Systems
 Power Service Center
 Giefinggasse 2
 A-1210 Vienna

The ÖFPZ Arsenal Ges.m.b.H. is a recognized CB/CCA Testing Laboratory under the responsibility of OVE as the National Certification Body.

Summary of compliance with National Differences:

Test performance:

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).

In case of differences in test requirements between IEC and EN, all tests were performed under the more severe conditions.

This test report is valid as a CB Test Report as well as a CCA Test Report.

Copy of marking plate:



Ratings:

Identification reference	2A: 002630001 4A: 002630003 6A: 002630005 8A: 002630006 10A: 002630007 12A: 002630008 16A: 002630009 20A: 002630011 25A: 002630013 32A: 002630015 40A: 002630017 50A: 002630019
Nature of supply	AC
Size	14x51
Utilization category	gG
Rated currents	2A, 4A, 6A, 8A, 10A, 12A, 16A, 20A, 25A, 32A, 40A, 50A
Rated voltage	690V (2A to 40A), 500V (50A)
Rated frequency	45Hz to 62Hz
Rated breaking capacity	100kA (2A to 40A), 120kA (50A)
Homogeneous series	2A 4A 6A 8A 10A to 16A 20A to 32A 40A 50A
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 authorised 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.....	05/2009
Date(s) of performance of tests.....	05/2009 to 09/2009

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.