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Test Report

Project Designation

TEST OF
CYLINDRICAL FUSE-LINKS
TYPE CH10PV
FOR THE PROTECTION OF
SOLAR PHOTOVOLTAIC ENERGY SYSTEMS
ACC. TO DRAFT OF IEC 60269-6 (32B/550/CDV)
(1000V d.c. / 2A...16A / gPV)

Client

ETI Elektroelement d.d.
1411 Izlake, Obrezija 5
SLOVENIA

Order from / No. 07/2009 / ---

Project Number 2.03.01157.1.0/CH10PV

Test Engineer Ing. J. Ainetter

Date of issue	27.01.2010
Total number of issues / No.	1 / 1
Number of pages	4
Annex: Number of pages	Test Report No. 2.03.01157.1.0/CH10PV/TR (19 pages)

The results relate exclusively to the terms tested.

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Test item

Identification:

Cylindrical fuse-links type CH10PV
for the protection of solar photovoltaic energy systems

Manufacturer: ETI Elektroelement d.d.

Trademark: ETI

Rated voltage(s): 1000V d.c.

Rated current(s): 2A, 4A, 6A, 8A, 10A, 12A, 16A

Utilization category: gPV

Size: 10x38

Technical data and description:

See page 4

Testing location, Period of testing

Testing location:

Österreichisches Forschungs- und Prüfzentrum Arsenal Ges.m.b.H.

Business Unit Electric Energy Systems

Power Service Center

Giefinggasse 2

1210 Vienna

AUSTRIA

Period of testing:

08 ... 12/2009

Test(s)

Test standard(s):

IEC 60269-1 Ed. 4.0:2006 and Draft of IEC 60269-6 (32B/550/CDV):2009

Test procedure(s):

Result

The cylindrical fuse-links type CH10PV for the protection of solar photovoltaic energy systems have passed the tests performed successfully.

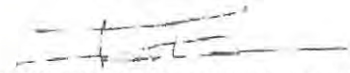
Test Engineer



Ing. J. Ainetter



Project Engineer,
technical responsibility



Ing. K. Farthofer

Testing laboratory



ACCREDITED
according to
EN ISO/IEC 17025
No. BMWA-92.714/0504-I/12/2007



CERTIFICATED
according to
ISO 9001
Reg. No. 12769



**RECOGNIZED
CB TESTING LABORATORY**
under the responsibility of OVE
as the National Certification Body



POWER SERVICE CENTER:



Technical data and description

Test item	Cylindrical fuse-links for the protection of solar photovoltaic energy systems
Trademark	ETI
Model/Type reference	CH10PV
Manufacturer	ETI Elektroelement d.d.
Place of manufacture	1411 Izlake, Obrezija 5, Slovenia
Size	10x38
Nature of supply	DC
Utilization category	gPV
Rated voltage	1000V d.c.
Rated current	2A, 4A, 6A, 8A, 10A, 12A, 16A
Rated breaking capacity	30kA
Homogeneous series	2A to 8A 10A to 16A
Material of fuse-link contacts	CuZn20 gal. Ag
Material of fuse-link body	Steatit C410
Extinguishing means	Quartzsand

TEST REPORT
Draft of IEC 60269-6 (32B/550/CDV)
Low-voltage fuses

**Part 6: Supplementary requirements for fuse-links for the protection
of solar photovoltaic energy systems**

Report:

Reference No.: 2.03.01157.1.0/CH10PV/TR

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

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

Date of issue.....: 17.01.2010

Number of pages.....: 19 pages



Handwritten signatures of Ing. J. Ainetter and Ing. K. Farthofer.

Testing Laboratory:

Name: ÖFPZ Arsenal Ges.m.b.H.

Address: 1210 Wien, Giefinggase 2, AUSTRIA

Applicant:

Name: ETI Elektroelement d.d.

Address: 1411 Izlake, Obrezija 5, SLOVENIA

Test specification:

Standard:

- IEC 60269-1:2006
- Draft of IEC 60269-6 (32B/550/CDV):2009

Test procedure: ---

Procedure deviation: ---

Non-standard test method.....: ---

Test Report Form:

Test Report Form No.: 32B/550/CDV

Test Report Form Originator: AIT

Date: 2010-01

Test item:

Description.....: Cylindrical fuse-links
for the protection of solar photovoltaic energy systems

Trade Mark: ETI

Manufacturer: ETI Elektroelement d.d.

Model/Type reference: CH10 / 10x38

Ratings: 1000V d.c. / 2A, 4A, 6A, 8A, 10A, 12A, 16A / gPV