



A DNV KEMA company

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**HIGH
POWER
LABORATORY**

15 - 025

ZKUŠEBNICTVÍ, a.s.

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TESTING LABORATORY No. 1035
ACCREDITED BY THE CZECH ACCREDITATION INSTITUTE
ACCORDING TO ČSN EN ISO/IEC 17025

REPORT

on Type Test No. 15 - 025

Test object : HV current-limiting back-up fuse-links
Type : SE - 24 - 006,3
Serial No. : ---

Ratings
Rated voltage : 24 kV
Rated current : 6,3 A
Rated frequency : 50 HZ

Manufacturer : ŞİRİNLER ELEKTRİK İNŞAAT TAAHHÜT SANAYİ VE DIŞ
TİCARET LTD.ŞTİ İVEDİK OSB ALTINARI SANAYİ SİTESİ
1445.SOKAK NO:11 OSTİM
YENİMAHALLE/ANKARA, TURKEY

Test performed : Breaking tests

Testing regulation : IEC 60282-1:2009 cl. 6.6 and cl. 6.3.2

Customer : ŞİRİNLER ELEKTRİK İNŞAAT TAAHHÜT SANAYİ VE DIŞ
TİCARET LTD.ŞTİ İVEDİK OSB ALTINARI SANAYİ SİTESİ
1445.SOKAK NO:11 OSTİM
YENİMAHALLE/ANKARA, TURKEY

Date of test : 17. 02. 2015

◆ Interpretation of results:

The test object **passed successfully** the breaking tests ($I_1 = 16$ kA, I_2 and I_3 parameters are mentioned on the sheet 3) according to the testing regulation mentioned above. The assessment criteria from IEC 60282-1:2009 cl. 6.6 and cl. 6.3.2 were met.

More details of the tests performed are given in the enclosed tables and oscillograms.

The test results apply only to the specific piece of apparatus tested from the particular place of manufacture. The responsibility for conformity of any product having the same designation with that tested rests with the manufacturer.

ONLY INTEGRAL REPRODUCTION OF THIS REPORT, OR REPRODUCTIONS OF THIS SHEET ACCOMPANIED BY ANY SHEETS ON WHICH ARE STATED THE ENDORSED RATINGS OF THE APPARATUS TESTED, ARE PERMITTED WITHOUT WRITTEN PERMISSION FROM TESTING LABORATORY ZKRATOVNA.

Number of issued copies: 1
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Tested by:

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Approved by:

Robert Jech
Head of the Laboratory

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Date: Oct 15, 2014
Our reference: 2014-1510
Your reference:

Confirmation Zkusebnictvi is part of DNV GL

Dear business partner,

It's a great pleasure to inform you that Zkusebnictvi, a.s. is fully integrated in DNV GL and is part of Power TIC (KEMA Laboratories). (www.dnvgl.com), a global company specializing in business & technical energy consultancy and testing, inspections and certification.

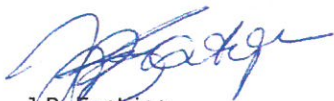
We truly value the relationship you have built with Zkusebnictvi and the trust that you have placed in Zkusebnictvi. This is why it is important to Zkusebnictvi that we let you know you can expect the same outstanding service and expertise from Zkusebnictvi as part of the DNV GL family.

DNV GL has over 150 years of solid industry experience, and a reputation for innovation, knowledge-sharing and cutting-edge technology. We are proud that Zkusebnictvi is part of the Global Testing, Inspection & Certification Business Line.

If you have any questions how DNV GL may be able to further assist you in your business strategy, please do not hesitate to contact me at any time.

Yours sincerely,

for KEMA Nederland BV



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EA MLA Signatory
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issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

CERTIFICATE OF ACCREDITATION

No. 147 / 2014

Zkušebnictví, a.s.
with registered office Podnikatelská 547, 190 11 Praha 9 - Běchovice

to the Testing Laboratory No. 1035
Zkratovna

Scope of accreditation:

Making and breaking capacity tests, short-circuit withstand tests, power arc resistance tests, temperature-rise tests by continuous flow of electric current, dielectric tests and single-part tests of heavy current electrical equipment to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2005

In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 531/2013 of 23 September 2013, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **19 July 2016**

Prague: 4 March 2014



Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company