

TEST REPORT

NO. 06025-17-0360-1

 Lovink Enertech B.V.
 Lovinkweg 3, Terborg
 P.O. Box 111
 7060 AC Terborg
 THE NETHERLANDS

CLIENT

Lovink Enertech B.V.

MANUFACTURER

 Transition joint for three-core PILC cable to three single-core cable
 with extruded polymeric insulation

TEST OBJECT

LoviSil M105

TYPE

Without, 2 test samples

SERIAL NO.

 Rated voltage U_0/U 12/20 kV
 Maximum value of highest system voltage U_m 24 kV
 Rated cross-section of conductor 3 x 150 mm²

 RATED
CHARACTERISTICS
GIVEN BY THE
CLIENT

 CENELEC Harmonization Document HD 629.2 S2: 2006-02
 EN 61442: 2005-04

 NORMATIVE
DOCUMENT

Test series B1 (type I)

 RANGE OF TESTS
PERFORMED

06 February 2017 to 20 April 2017

DATE OF TEST

 The test object meets the requirements of test series B1 (type I).
 Defined in normative document above

TEST RESULT




 H. ZINNBAUER
 Head of Centre of Competence
 High-Power/High-Voltage
 Berlin, 17 January 2018

 D. JEGUST
 Test engineer in charge

 Independent test laboratory accredited by the German Accreditation Body DAkkS, Deutsche Akkreditierungsstelle GmbH, in the fields of high-voltage switchgear and their components, cables and conductors as well as industrial low-voltage apparatus.
 IPH Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH (IPH Berlin) is a subsidiary of CESI S.p.A, Milan.


Client: Lovink Enertech B.V.
Order number: EL7125
Date of tests: November 2016
Report code: TR

Prof. Ir. Damstra Laboratory
P.O. Box 23, 7550 AA Hengelo
Europalaan 202, 7559 SC Hengelo, The Netherlands
Tel.: +31 74 246 4351 Fax: +31 74 246 4352
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Subject: Three core transition joint, 24kV.

Purpose: Verify whether the test object complies with requirements in accordance with HD 629.2 S2: 2006, table 4, sequence B2.

Object: Three core transition joint, $U_0/U (U_m)$ 12/20 (24)
Manufacturer : Lovink Enertech B.V.
Type : LoviSil M105

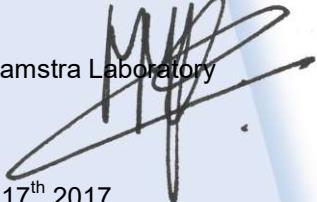
Conclusion: The tested object complies with the requirements stated in the relevant clauses.

Author: P.A.H. van Gestel B.Sc. 

Checked by: I.A.M. Borgerink 

This report consists of:
Pages

25

M.J. Visser B.Sc.
Manager Prof. Ir. Damstra Laboratory 

Hengelo, February 17th 2017

The test results concern only the investigated test objects.

Test Report

M85 Type test B1 – 150mm²-150mm² - 3C/GX

Report Nr.: 16741

Test specifications

Test object : 12kV transition joint
Type : LoviSil M85
U₀ / U (U_m) : 6 / 10 (12) kV
Rated cross-section range : Three core PILC 150mm²
Three core / 3x single core Poly 150mm²
Manufacturer : Lovink Enertech b.v.
Test period : 04-11-2016 / 21-12-2016
Test location : Terborg, The Netherlands

Relevant Normative Documents

NEN-EN-IEC 61442:2005
CENELEC HD 629.2 S2:2006

Test performed

Type test following CENELEC HD 629.2 S2:2006, Table 4, Test sequence B1-I

Test result

Author:
Bjorn Zieverink
Test engineer

Accepted:
Dennis Bergsma
Product Development Manager

Terborg, 21-12-2016

Test specifications

<i>Test object</i>	: LoviSil® Transition joint
<i>Type</i>	: M(R)105
<i>U₀ / U (U_m)</i>	: 12/20 (24)kV
<i>Rated cross-section range</i>	: Three core up to 500 mm ² Transition
<i>Manufacturer</i>	: Lovink Enertech B.V.
<i>Test period</i>	: 12-2023 / 02-2024
<i>Test location</i>	: Terborg, The Netherlands

Relevant Normative Documents

NEN-EN-IEC 61442:2005-04
CENELEC HD 629.2 S2:2006-02

Test performed

Type test following CENELEC HD 629.2 S2:2006-02, Table 4 (I B1)

Test result

The test objects met all the requirements defined by CENELEC Harmonization document HD629.2 S2:2006-02. The test objects therefore passed all tests without any breakdown or damage.

J. CONRADIE

Author:

J. Conradie

Development & Test Engineer

Terborg, 14-02-2024

Accepted:

D. Bergsma

Product Development Manager

Terborg, 14-02-2024

