

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	RATED CHARACTERISTICS GIVEN BY THE CLIENT
Maximum value of highest system voltage	U_m	24 kV	
Rated cross-section of conductor		3 x 150 mm ²	

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

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
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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

Terborg, 21-12-2016

A large, stylized handwritten signature in blue ink, which appears to read "Dennis Bergsma".

Accepted:
Dennis Bergsma
Product Development Manager

Test specifications

Test object : LoviSil® Transition joint
Type : M(R)105
U₀ / U (U_m) : 12/20 (24)kV
Rated cross-section range : Three core up to 500 mm² Transition
Manufacturer : Lovink Enertech B.V.
Test period : 12-2023 / 02-2024
Test location : Terborg, The Netherlands

Relevant Normative Documents

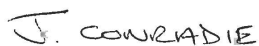
NEN-EN-IEC 61442:2005-04
CENELEC HD 629.2 S2:2006-02

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.



Author:

J. Conradie

Development & Test Engineer

Terborg, 14-02-2024

Accepted:

D. Bergsma

Product Development Manager

Terborg, 14-02-2024

