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 mm^2	**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

D. JEGUST
Test engineer in charge

Berlin, 17 January 2018

TEST REPORT

PDL-16.129.1

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

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
U_0 / 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

Test object	: LoviSil® Transition joint
Type	: M*(R)*105
U_0 / U (U_m)	: 12/20 (24)kV
Rated cross-section range	: Three core up to 500 mm^2 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.

J. CONRADIE

Author:
J. Conradie
Development & Test Engineer

Terborg, 14-02-2024

Accepted:
D. Bergsma
Product Development Manager

Terborg, 14-02-2024