DESIGN TEST REPORT

Lovink LoviSil® M-Series 3-Core Transition Joint for up to 600kcmil, 15 kV

Test Report No	DTR-4789944641
Date of issue	August 3,2021
Issued To	Lovink Enertech B.V
Manufacturer	Lovink Enertech B.V Lovinkweg 3, 7061 DT, Terborg, Netherlands
Manufacturing site/location	Lovink Enertech B.V Lovinkweg 3, 7061 DT, Terborg, Netherlands
Product Sample Description	Product Tradename: LoviSil® M-Series Transition Joint Conductor Material(s): Copper & Aluminum Conductor Size Range: ≤600 kcmil Insulation Type: LoviSil® Insulating Fluid Maximum Voltage Phase-to-Phase: 15 kV Minimum Extruded Insulation Percent Level: 100% Normal Operating Temperature: 90°C Emergency Operating Temperature: 110°C Connector: Pfisterer SICON Article: 332 602 012
Range of Design Test Coverage	Voltage Range, Phase-to-Phase: ≤15 kV Insulation Types: EPR & PILC BIL Level: ≤110kV Rated Max conductor temperature in normal operation: 90°C Rated Maximum Emergency temperature: 110°C Rated conductor cross-section: ≤ 500 kcmil Copper & Aluminum
Product Sample Tested in accordance with	The equipment constructed in accordance with the description, drawings and photographs incorporated in this report and as declared by the manufacturer has been verified in accordance with IEEE 404-2012 “Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 to 500 kV”. Verification with reference to the ratings assigned by the manufacturer as listed in this report.
Date of Tests	May 17,2021 to July 16,2021

This Test Report consists of 24 pages including this cover page.

Koen Schilleman
Evaluator

Paul Knapp
Reviewer