

Independent, accredited testing station · Member laboratory of STL and LOVAG

TEST REPORT

NO. 00882-14-0250

Elastimold Egypt

Elsewedy SEDCO Subsidiaries of Elsewedy Electric

Plot 27. 1st District, 5th Settlement

New Cairo 11835

EGYPT

Elastimold Egypt - Subsidiary of Elsewedy Electric

PC#36 A South (A'1), Industrial Region

10th of Ramadan City

EGYPT

MANUFACTURER

TEST OBJECT

SERIAL NO.

CLIENT

Deadbreak screened separable insulated connector

Premolded Bolted Type Elbow Connector

TYPE

Test samples Rated voltage

Rated current

U₂/U 8.7/15 kV

Maximum value of highest system voltage

17.5 kV 630 A 3 x 300 mm² RATED CHARACTERISTICS GIVEN BY THE CLIENT

Client's instructions and SEC Specifications 12-SDMS-01 Rev. 01-2010

with reference to IEEE 386-2006. IEEE 592-2007

NORMATIVE DOCUMENT RANGE OF TESTS

PERFORMED

Corona voltage level test / Partial discharge test

AC withstand voltage test

Rated cross-section range

- DC withstand voltage test
- Impulse withstand voltage test
- Current-cycling test
- Accelerated sealing life test
- Cable pull-out test / Tensile strength test
- · Short time current test
- Shielding test

From 26 May 2014 to 16 July 2014

DATE OF TEST

All acceptance criteria for the performed tests based on client's instructions and SEC Specifications 12-SDMS-01 Rev. 01-2010 with reference to IEEE Std 386-2006. IEEE 592-2007 were met.

TEST RESULT

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H. ZINNBAUER

Head of Centre of Competence High-Power/High-Voltage Berlin, 29 September 2014 M. SCHRÖDER-HESKE Test engineer in charge

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Independent test laboratory accredited by the German Accreditation Body DAkkS, Deutsche Akkrediterungsstelle GmbH, in the fields of high-voltage switchgeer and their components, cables and conductors as well as industrial low-voltage apparatus.

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