

# TEST REPORT

NO. 00882-14-0250

Elastimold Egypt Elsewedy SEDCO Subsidiaries of Elsewedy Electric Plot 27, 1st District, 5th Settlement New Cairo 11835 EGYPT	<b>CLIENT</b>
---	---------------

Elastimold Egypt - Subsidiary of Elsewedy Electric PC#36 A, South (A'1), Industrial Region 10th of Ramadan City EGYPT	<b>MANUFACTURER</b>
--	---------------------

Deadbreak screened separable insulated connector	<b>TEST OBJECT</b>
--	--------------------

Premolded Bolted Type Elbow Connector	<b>TYPE</b>
---------------------------------------	-------------

Test samples	<b>SERIAL NO.</b>
--------------	-------------------

Rated voltage	$U_0/U$	8.7/15 kV	<b>RATED CHARACTERISTICS GIVEN BY THE CLIENT</b>
Maximum value of highest system voltage	$U_m$	17.5 kV	
Rated current		630 A	
Rated cross-section range		3 x 300 mm <sup>2</sup>	

Client's instructions and SEC Specifications 12-SDMS-01 Rev. 01-2010 with reference to IEEE 386-2006, IEEE 592-2007	<b>NORMATIVE DOCUMENT</b>
---	---------------------------

<ul style="list-style-type: none"> <li>• Corona voltage level test / Partial discharge test</li> <li>• AC withstand voltage test</li> <li>• DC withstand voltage test</li> <li>• Impulse withstand voltage test</li> <li>• Current-cycling test</li> <li>• Accelerated sealing life test</li> <li>• Cable pull-out test / Tensile strength test</li> <li>• Short time current test</li> <li>• Shielding test</li> </ul>	<b>RANGE OF TESTS PERFORMED</b>
---	---------------------------------

From 26 May 2014 to 16 July 2014	<b>DATE OF TEST</b>
----------------------------------	---------------------

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	<b>TEST RESULT</b>
---	--------------------



**H. ZINNBAUER**  
Head of Centre of Competence  
High-Power/High-Voltage  
Berlin, 29 September 2014



**M. SCHRÖDER-HESKE**  
Test engineer in charge

