

Type Test Certificate

of Short-Circuit Performance

Test object	Single-phase oil-immersed power transformer, for continuous duty, with external cooling by air natural convection
Designation	ONAN Rated power 10 kVA; Rated voltages 13,2/0,231 kV; Rated frequency 50 Hz
Manufacturer	TUSAN S.A.Transformadores Avda. Gladys Marín 6030 - 7251391 Estación Central – Santiago (Chile)
Tested for	TUSAN S.A.Transformadores Avda. Gladys Marín 6030 - 7251391 Estación Central – Santiago (Chile)
Date(s) of tests	October 12-17, 2017
Tested by	CESI S.p.A. Via Rubattino 54 20134 Milano - Italy

The test object, constructed in accordance with the description, drawings and photographs incorporated in this document has been subjected to the series of proving tests in accordance with STL Guides and:

IEC 60076-5 (2006-02)
clause 4.2

This Type Test Certificate has been issued by CESI following exclusively the STL Guides. The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the Manufacturer as listed on the ratings page. The Certificate applies only to the test object. The responsibility for conformity of any equipment having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 5 sheet in total.

November 3, 2017

Date of issue

Magistris Paolo
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STL Member Laboratory

The Manager - Arcidiaco Lorenzo
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STL Member

Document Digitally Signed

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the endorsed ratings of the test object, are permitted without written permission from CESI.
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