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1 RATINGS ASSIGNED BY THE MANUFACTURER AS PROVED BY THE TESTS

Dry-type cast resin power transformer	
Manufacturer	S.E.A. Società Elettromeccanica Arzignanese S.p.A.
Designation	TTR-A ECO A0-10% Ak
Serial number	109159
Rated power	1500 kVA
Number of phases	3
Rated voltage of the high-voltage winding (primary winding)	11 kV
Rated voltage of the low-voltage winding (secondary winding)	400 V
Rated current of the high-voltage winding (primary winding)	78,73 A
Rated current of the low-voltage winding (secondary winding)	2165 A
Rated frequency	50 Hz
Connection symbol	Dyn11
Short-circuit impedance	7,25 %
Load loss	8892 W
No-load current	0,21 %
No-load loss	1686 W
Rated insulation level of the high-voltage winding (primary winding)	LI 75 AC 28
Rated insulation level of the low-voltage winding (secondary winding)	AC 3
Cooling method	AN

2 ADDITIONAL TYPE TESTS

This Certificate also verifies:

- Measurement of sound level, according to IEC 60076-11 clause 24.

3 REFERENCE DOCUMENTS

The following reference documents are integral part of this Certificate:

No.	Description	CESI registration
1	Test Report	B5007459-1
2	Test Report	B5008216-1
3	Test Report	B5009245-1
4	Test Report	B5009524-1
5	Manufacturer's drawings	B5014117

4 ADDITIONAL REFERENCES

Not applicable

5 RECORD OF PROVING TESTS

The table below lists all the tests performed and the references to the relevant Test Reports containing the test values.

No. Standard and clause	Description of tests	Reference documents
IEC 60076-11 clause 21	Lightning impulse test	B5009245-1
IEC 60076-11 clause 23	Temperature rise test	B5007459-1
IEC 60076-11 clause 25	Short-circuit test	B5008216-1
IEC 60076-11 clauses 15 to 18	Routine tests measurement before and after short circuit tests	B5007459-1
IEC 60076-11 clauses 19, 20 and 22.4.1.1	Dielectric routine tests before and after short circuit tests	B5007459-1 B5009524-1
IEC 60076-11 clause 24	Measurement of sound level	B5007459-1

6 IDENTIFICATION OF THE APPARATUS

The Manufacturer guarantees that the tested apparatus is manufactured according to the submitted drawings.

CESI checked that these drawings adequately represent in shape and dimensions the essential details and the main parts of the tested apparatus.

These drawings, identified by CESI and numbered B5014117 No.1 to 7 have been returned to the Client.