

TEST REPORT

IEC 60989

**Separating transformers, autotransformers,
variable transformers and reactors.**

Report reference No..... : ELS866180A

Date of issue..... : 2017-05-10

Testing laboratory..... : TÜV Italia s.r.l. – TÜV SÜD Group

Address : Via Montalenghe, 8 – 10010 Scarmagno (TO) - Italy

Testing location : as above

Applicant : **ELETTROMECCANICA ELCA s.r.l.**

Address : Via dei Celti 56/58 (Zona Rescaldina)- 20023 Cerro Maggiore (MI)

Standard : IEC 60 989:91

Test Report Form No. : SIC13175.00_IEC60989.AUTOTRANSFORMERS_ELCA.DOC

TRF modified by..... : TÜV Product Service GmbH

Master TRF : PS_INFO\2-ELS.MES\REPORTS\CB

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Test procedure : IEC 60 989:91

Procedure deviation : ---

Non-standard test method : ---

National deviations : ---

Number of pages (Report) : 34 pages

Number of pages (Attachments)..... : ---

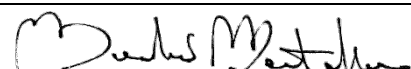
Compiled by..... : Fabio Mauri

(+ signature)



Approved by..... : Massimiliano Mortellaro

(+ signature)



Type of test object..... : SINGLE and THREE PHASES AUTOTRANSFORMERS / DRY-TYPE
Trademark : ELCA
Model and/or type reference : Single phase autotransformers: TYPE ATM
Three phases autotransformers: TYPE AT3
Manufacturer : ELETTROMECCANICA ELCA s.r.l.
Rating(s) : Single phases autotransformers
Input / Output Voltage: from 100 to 690 V
Frequency: 50/60 Hz
Power: from 30VA to 30kVA
Class F / ta_ 50°C
Three phases autotransformers
Input / Output Voltage: from 100 to 690 V
Frequency: 50/60 Hz
Power: from 0,1kVA to 1.000kVA
Class F / ta 50°C


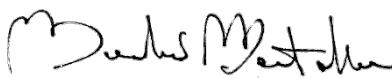
Test item particulars: -----

Possible test case verdicts:

- test case does not apply to the test object : N
- test object does meet the requirement..... : Pass
- test object does not meet the requirement..... : Fail

Attachments: -----



TEST REPORT IEC 60989 Separating transformers, autotransformers, variable transformers and reactors.	
Report reference No.....	: ELS866180B
Date of issue.....	: 2017-05-10
Testing laboratory.....	: TÜV Italia s.r.l. – TÜV SÜD Group
Address	: Via Montalenghe, 8 – 10010 Scarmagno (TO) - Italy
Testing location	: as above
Applicant	: ELETTROMECCANICA ELCA s.r.l.
Address	: Via dei Celti 56/58 (Zona Rescaldina)- 20023 Cerro Maggiore (MI)
Standard	: IEC 60 989:91
Test Report Form No.	: SIC13176_IEC60989.TRANSFORMERS_ELCA.DOC
TRF modified by.	: TÜV Product Service GmbH
Master TRF	: PS_INFO\2-ELS.MES\REPORTS\CB
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Test procedure	: IEC 60 989:91
Procedure deviation	: ---
Non-standard test method	: ---
National deviations	: ---
Number of pages (Report)	: 36 pages
Number of pages (Attachments).....	: ---
Compiled by..... : Fabio Mauri (+ signature) 	Approved by..... : Massimiliano Mortellaro (+ signature) 



Type of test object..... : SINGLE and THREE PHASES TRANSFORMERS / DRY-TYPE
Trademark : ELCA
Model and/or type reference : Single phase transformers: TYPE TM Three phases transformers: TYPE T3
Manufacturer : ELETTROMECCANICA ELCA s.r.l.
Rating(s) : <u>Single phases transformers</u> Primary Voltage range: from 100V to 690V Secondary Voltage range: from 12V to 690V Frequency: 50/60 Hz Power: from 15VA to 100kVA Class F / ta 50°C <u>Threephases transformers</u> Primary Voltage range: from 100V to 690V Secondary Voltage range: from 12V to 690V Frequency: 50/60 Hz Power: from 0,5kVA to 1.000kVA
Test item particulars: -----
Possible test case verdicts: - test case does not apply to the test object : N - test object does meet the requirement..... : Pass - test object does not meet the requirement..... : Fail
Attachments: -----