



File E327670

Vol 1

Issued: 2009-04-09

Revised:

FOLLOW-UP SERVICE PROCEDURE  
(TYPE R)

COMPONENT - MOTORS  
(PRGY2,PRGY8)

Manufacturer: ELETTROMECCANICA TESSARO MARINO SRL  
(781355-001) VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

Applicant: SAME AS MANUFACTURER  
(781355-001)

Recognized Company: SAME AS MANUFACTURER  
(781355-001)

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc.(UL), or any authorized licensee of UL, only on products covered by this Procedure, in accordance with the applicable UL Services Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. (UL) or any authorized licensee of UL, upon request.

This PROCEDURE, and any subsequent revision, is the property of Underwriters Laboratories Inc.(UL) and the authorized licensee of UL and is not transferable.

Underwriters Laboratories Inc.

Stephen Hewson  
Senior Vice President  
Global Follow-Up Service Operations

William R. Carney  
Director  
North American Certification Program

# Certificate of Compliance

Certificate Number **20090805-E327670A**  
Report Reference **E327670, 2009 July 30**  
Issue Date **2009 August 5**

Page 1 of 2



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A80A", "A80B" and "A80C" f/b 2, 4, 6, 8, 42, 64 or 84, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* **UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators**

*Additional Information:* **See Addendum for Ratings.**

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670A**  
 Report Reference **E327670, 2009 July 30**  
 Issue Date **2009 August 5**

Page 2 of 2



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

### ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60 Hz and three phase, output from 0.18 kW to 1.8 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	H z	Poles	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage Rating alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A80A	60	2	3	200 - 575	0.5 - 6.0	0.75	0.5 - 7.5	0.9
		4	3	200 - 575	0.5 - 4.5	0.55	0.5 - 6.0	0.66
		6	3	200 - 575	0.5 - 4.0	0.37	0.5 - 4.8	0.44
		8	3	200 - 575	0.8 - 2.6	0.18	0.8 - 2.65	0.22
		4/2	3	200 - 575	1.2-3.8 / 2.2-6.5	0.6/0.75	1.3-4.1 / 2.3-6.9	0.72/0.9
		8/4	3	200 - 575	0.5-4.0 / 0.2-3.0	0.22/0.37	0.5-4.8 / 0.2-3.6	0.26/0.44
A80B	60	2	3	200 - 575	2.1 - 6.6	1.1	2.3- 7.1	1.32
		4	3	200 - 575	1.55 - 4.5	0.75	1.6 - 4.8	0.9
		6	3	200 - 575	0.5 - 5.5	0.55	0.5 - 7.0	0.66
		8	3	200 - 575	0.2 - 3.5	0.25	0.2 - 5.0	0.3
		4/2	3	200 - 575	0.5-6.0 / 1.5-10.0	0.75/1.1	0.5-8.0 / 1.5-12.0	0.9/1.32
		6/4	3	200 - 575	0.5-5.5 / 0.5-6.0	0.48/0.66	0.5-7.0 / 0.5-8.0	0.58/0.79
		8/4	3	200 - 575	1.35-4.0 / 0.8-2.6	0.3/0.55	1.4-4.1 / 1.1-3.3	0.36/0.66
A80C	60	2	3	200 - 575	2.7 - 8.0	1.5	3.1 - 9.2	1.8
		4	3	200 - 575	1.0 - 7.5	1.1	1.0 - 9.0	1.32

Issued by:  
**Nicola Cappiello, Engineer**  
 Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
 Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670B**  
Report Reference **E327670, 2009 July 31**  
Issue Date **2009 August 5**

Page 1 of 2



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A90S" f/b 2, 4, 6, 8, 42, 64 or 84, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators

*Additional Information:* See Addendum for Ratings.

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670B**  
Report Reference **E327670, 2009 July 31**  
Issue Date **2009 August 5**

Page 2 of 2



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60 Hz and three phase, output from 0.37 kW to 1.8 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	Hz	Poles	Phase	Volt (V) min. - max.	Normal Rating		Alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A90S	60	2	3	200 - 575	2.6 - 7.7	1.5	3.2 - 9.4	1.8
		4	3	200 - 575	1.0 - 7	1.1	1.0 - 9.0	1.32
		6	3	200 - 575	0.5 - 6.0	0.75	0.5 - 8.0	0.9
		8	3	200 - 575	0.9 - 2.8	0.37	0.3 - 3.2	0.44
		4/2	3	200 - 575	1.8-5.3 / 2.6-7.7	1/1.4	2.0 - 5.8 / 2.9 - 8.4	1.2/1.68
		6/4	3	200 - 575	0.5-5.5 / 0.5-6.5	0.6/0.95	0.5 - 6.6 / 0.5 - 8.5	0.72/1.14
		8/4	3	200 - 575	0.5-5.0 / 0.5-5.5	0.42/0.8	0.5 - 6.0 / 0.5 - 6.6	0.5/0.96

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670C**  
Report Reference **E327670, 2009 August 1**  
Issue Date **2009 August 5**

Page 1 of 2



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A90LA", and "A90LB" f/b 2, 4, 6, 8, 4/2, 6/4 or 8/4, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators

*Additional Information:* See Addendum for Ratings.

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

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**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670C**  
Report Reference **E327670, 2009 August 1**  
Issue Date **2009 August 5**

Page 2 of 2



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60 Hz and three phase, output from 0.55 kW to 3.6 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	Hz	Poles	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A90LA	60	2	3	200 - 575	3.5 - 10.2	2.2	4.2 - 12.0	2.64
		4	3	200 - 575	1.5 - 9.5	1.5	1.5 - 12.0	1.8
		6	3	200 - 575	1.0 - 8.0	1.1	1.0 - 10.0	1.32
		8	3	200 - 575	0.5 - 5.5	0.55	0.5 - 6.6	0.66
		4/2	3	200 - 575	2.7-7.8 / 4.2-12.3	1.5/2.2	3.1 - 9.0 / 4.7 - 13.7	1.8/2.64
		6/4	3	200 - 575	1.0-8.0 / 1.5-9.0	0.95/1.3	1.0 - 10.0 / 1.5 - 11.5	1.14/1.56
A90LB	60	8/4	3	200 - 575	1.0-6.5 / 1.0-6.5	0.59/1.1	1.0 - 8.5 / 1.0 - 8.5	0.71/1.32
		2	3	200 - 575	3.0 - 15.5	3.0	3.0 - 19.0	3.6
		4	3	200 - 575	2.0 - 10.5	1.84	2.0 - 13.0	2.21
		8	3	200 - 575	1.0 - 6.0	0.66	1.0 - 8.0	0.79
		6/4	3	200 - 575	1.9 - 5.7 / 2.4 - 7.0	1.1/1.5	2.3 - 6.8 / 2.9 - 8.4	1.32/1.8

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090409-E327670**  
Report Reference **E327670, 8 April 2009**  
Issue Date **2009 April 9**

Page 1 of 1



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**

VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

**COMPONENT - MOTORS**

Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "TM100SA" and "TM100SB" f/b 2, 4, 6, 8, 4/2, 6/4 or 8/4, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E or F, may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*



*Standard(s) for Safety:*

UL1004 - Electric Motors ,5th Edition  
C22.2, No. 100-04 - Motors and Generators ,6th Edition

*Additional Information:*

See Report for Ratings.

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

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**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Maurizio Migliavacca, Senior Engineering Associate**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670D**  
Report Reference **E327670, 2009 August 2**  
Issue Date **2009 August 5**

Page 1 of 2



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A112TA", "A112TB" and "A112TC" f/b 2, 4, 6 or 42, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators

*Additional Information:* See Addendum for Ratings.

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**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670D**  
Report Reference **E327670, 2009 August 2**  
Issue Date **2009 August 5**

Page 2 of 2



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60 Hz and three phase, output from 2.2 kW to 9.0 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	Hz	Poles	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A112TA	60	2	3	200 - 575	4.5 - 21.0	4.0	4.5 - 26.0	4.8
		4	3	200 - 575	4.5 - 21.5	4.0	4.5 - 26.5	4.8
		6	3	200 - 575	4.7 - 13.7	2.2	5.2 - 15.0	2.64
		4/2	3	200 - 575	5.3-15.4 / 6.6-19.2	3.0/4.0	5.8-16.8 / 7.4-21.5	3.6/4.8
A112TB	60	2	3	200 - 575	7.9 - 22.8	5.5	9.3 - 27.0	6.6
A112TC	60	2	3	200 - 575	8.0 - 37.0	7.5	8.0 - 45.0	9.0

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670E**  
Report Reference **E327670, 2009 August 3**  
Issue Date **2009 August 5**

Page 1 of 2



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A 112M" f/b 4, 8, 42, 64, or 84, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* **UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators**

*Additional Information:* **See Addendum for Ratings.**

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**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670E**  
Report Reference **E327670, 2009 August 3**  
Issue Date **2009 August 5**

Page 2 of 2



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60 Hz and three phase, output from 1.5 kW to 6.6 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	Hz	Poles	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A112 M	60	4	3	200 - 575	6.3 - 18.3	4.0	7.2 - 21.0	4.8
		8	3	200 - 575	2.0 - 10.5	1.5	2.0 - 13.0	1.8
		4/2	3	200 - 575	2.0-10.0 / 2.5-12.0	3.4	2.0-12.0 / 2.5-15.0	4.08
		6/4	3	200 - 575	3.0-15.0 / 4.0-18.5	1.84/3.1	3.0-18.0 / 4.0-23.0	2.2/3.7
		8/4	3	200 - 575	3.6-10.5 / 4.0-11.7	1.5/3	2.5-17.5 / 3.0-18.0	1.8/3.6

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670F**  
Report Reference **E327670, 2009 August 4**  
Issue Date **2009 August 5**

Page 1 of 3



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A132TA", "A132TB", "A132TC", "A132TD", "A132TE", "A132TF", "A132TG" and "A132TH" f/b 2, 4, 6, 8, 42, 64 or 84, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
UL 1004, 5th Edition - Electric Motors  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators

*Additional Information:* See Addendum for Ratings.

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

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Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670F**  
 Report Reference **E327670, 2009 August 4**  
 Issue Date **2009 August 5**

Page 2 of 3



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

### ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60 Hz and three phase, output from 2.06 kW to 9.0 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	Hz	Poles	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage Rating alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A132T A	60	2	3	200 - 575	6.5 - 29.5	5.5	6.5 - 36.0	6.6
		4	3	200 - 575	6.0 - 28.0	5.5	6.0 - 34.0	6.6
		6	3	200 - 575	4.0 - 19.0	3.0	4.0 - 23.5	3.6
		8	3	200 - 575	4.0 - 18.5	2.2	4.0 - 23.0	2.6
		4/2	3	200 - 575	6.0-27.5 / 5.5-27.0	4.4/5.5	6.0-33.5 / 5.5-33.0	5.2/6.6
		6/4	3	200 - 575	4.0-19.0 / 5.0-24.0	2.57/4.0	4.0-23.5 / 5.0-29.5	3.0/4.8
A132TB	60	8/4	3	200 - 575	5.0-14.7 / 5.4-15.6	2.06/3.7	5.4-15.8 / 6.4-18.6	2.4/4.4
		2	3	200 - 575	8.5 - 37.5	7.5	8.5 - 45.5	9.0
		4	3	200 - 575	10.4 - 30.0	7.5	12.5 - 36.0	9.0
		6	3	200 - 575	5.0 - 24.0	4.0	5.0 - 29.5	4.8
		8	3	200 - 575	4.5 - 21.5	3.0	4.5 - 26.5	3.6
		4/2	3	200 - 575	7.0-31.5 / 10.0-44.0	6.1/8.0	7.0-38.5 / 10.0-53.5	7.3/9.6
		6/4	3	200 - 575	5.0-24.5 / 5.5-27.0	3.3/4.4	5.0-30.0 / 5.5-33.0	3.9/5.2
		8/4	3	200 - 575	3.5-17.0 / 6.0-29.0	2.06/4.7	3.5-21.0 / 6.0-35.5	2.4/5.6

Issued by:  
**Nicola Cappiello, Engineer**  
 Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
 Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670F**  
 Report Reference **E327670, 2009 August 4**  
 Issue Date **2009 August 5**

Page 3 of 3



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## ELECTRICAL RATINGS:

Motor Series	Hz	Poles	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage Rating alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A132TC	60	2	3	200 - 575	9.5 - 42.5	9.2	9.5 - 51.5	11.0
		4	3	200 - 575	11.0 - 49.5	9.2	11.0 - 60.0	11.0
		6	3	200 - 575	6.5 - 31.0	5.5	6.5 - 38.0	6.6
		8	3	200 - 575	7.0 - 31.5	4.0	7.0 - 38.5	4.8
		4/2	3	200 - 575	11.2-32.3 / 15.7-45.3	7.4/9.2	12.9-37.2 / 17.3 - 49.8	8.8/11.0
		6/4	3	200 - 575	6.5-29.5 / 7.5-34.5	3.7/5.9	6.5-36.0 / 7.5-42.0	4.4/7.0
A132TD	60	2	3	200 - 575	15.0 - 42.9	11.0	17.3 - 49.5	13.2
		6/4	3	200 - 575	10.0-29.0 / 12.2-35.2	4.8/7.5	10.9-31.6 / 13.9-40.2	5.7/9.0
		8/4	3	200 - 575	4.0-20.5 / 5.0-23.5	2.4/4.4	4.0-25.0 / 5.0-29.0	2.8/5.2
A132TE	60	2	3	200 - 575	20.6 - 59.4	15.0	24.5 - 70.8	18.0
		8/4	3	200 - 575	5.0-23.5 / 5.5-27.0	3.0/5.2	5.0-29.0 / 5.5-33.0	3.6/6.2
A132TF	60	8/4	3	200 - 575	6.2-17.8 / 9.9-28.4	3.0/6.25	7.3-21.0 / 11.1-32.0	3.6/7.5
A132TG	60	8/4	3	200 - 575	4.9-14.2 / 9.4-27.0	2.2/5.9	5.4-15.6 / 10.5-30.2	2.6/7.0
A132TH	60	8/4	3	200 - 575	9.9-28.6 / 8.3-24.0	3.7/5.9	10.8-31.1 / 10.0-28.8	4.4/7.0

Issued by:  
**Nicola Cappiello, Engineer**  
 Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
 Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670G**  
Report Reference **E327670, 2009 August 5**  
Issue Date **2009 August 5**

Page 1 of 2



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A132TTD", "A132TTI", "A132TTE" and "A132TTL" f/b 4, 6, 8, 42, 64 or 84, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators

*Additional Information:* See Addendum for Ratings.

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670G**  
 Report Reference **E327670, 2009 August 5**  
 Issue Date **2009 August 5**

Page 2 of 2



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60 Hz and three phase, output from 3.7 kW to 13.2 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	Hz	Pole s	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage Rating alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A132TTD	60	4	3	200 - 575	12.0 - 53.0	11.0	12.0 - 64.0	13.2
		6	3	200 - 575	11.5 - 51.0	7.5	11.5 - 62.0	9.0
		8	3	200 - 575	10.4 - 30.0	5.5	12.0 - 34.8	6.6
		4/2	3	200 - 575	13.0-38.4 / 18.3-52.8	9.0/11.0	15.4-44.4 / 20.4-58.8	10.8/13.2
A132TTI	60	8/4	3	200 - 575	5.5-26.0 / 11.0-49.0	3.7/7.75	5.5-32.0 / 11.0-59.5	4.4/9.3
A132TTE	60	6/4	3	200 - 575	11.2-32.4 / 13.9-40.2	5.9/9.0	12.5-36.0 / 16.0-46.2	7.0/10.8
A132TTL	60	8/4	3	200 - 575	10.2-29.4 / 10.4-30.0	4.5/7.8	11.1-32.0 / 12.5-36.0	5.4/9.3

Issued by:  
**Nicola Cappiello, Engineer**  
 Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
 Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670H**  
Report Reference **E327670, 2009 August 6**  
Issue Date **2009 August 5**

Page 1 of 2



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A160TA", "A160TB" and "A160TF" f/b 2, 4, 6, 8, 42, 64 or 84, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* **UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators**

*Additional Information:* **See Addendum for Ratings.**

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670H**  
Report Reference **E327670, 2009 August 6**  
Issue Date **2009 August 5**

Page 2 of 2



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60 Hz and three phase, output from 3.7 kW to 18.0 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	Hz	Poles	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage Alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A160TA	60	2	3	200 - 575	15.0 - 65.0	11.0	15.0 - 78.5	13.2
		4	3	200 - 575	12.0 - 53.0	11.0	12.0 - 64.0	13.2
		6	3	200 - 575	9.5 - 43.0	7.5	9.5 - 52.0	9.0
		8	3	200 - 575	10.0 - 28.8	4.0	10.8 - 31.2	4.8
		4/2	3	200 - 575	10.0-44.5 / 13.0-57.0	9.0/11.0	10.0-54.0 / 13.0-69.0	10.8/13.2
		6/4	3	200 - 575	9.0-35.0 / 11.0-41.0	5.9/9.0	9.0-42.5 / 11.0-50.0	7.0/10.8
		8/4	3	200 - 575	5.5-27.0 / 7.0-31.5	3.7/5.9	5.5-33.0 / 7.0-31.5	4.4/7.0
A160TB	60	2	3	200 - 575	20.4 - 59.0	15.0	23.8 - 68.7	18.0
		8/4	3	200 - 575	8.0-36.5 / 8.0-37.5	4.5/7.8	8.0-44.5 / 8.0-45.5	5.4/9.3
A160TF	60	8/4	3	200 - 575	8.0-23.2 / 12.5-36.0	3.7/7.75	10.6-30.6 / 14.1-40.8	4.4/9.3

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670J**  
Report Reference **E327670, 2009 August 8**  
Issue Date **2009 August 5**

Page 1 of 2



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A160LPA", "A160LPB" f/b 2, 4, 6, 8, 4/2 or 8/4, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
UL 1004, 5th Edition - Electric Motors  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators

*Additional Information:* See Addendum for Ratings.

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670J**  
 Report Reference **E327670, 2009 August 8**  
 Issue Date **2009 August 5**

Page 2 of 2



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60 Hz and three phase, output from 6.5 kW to 26.4 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	Hz	Poles	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage Alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A160LPA	60	2	3	200 - 575	22.9 - 66.0	18.5	28.7 - 82.8	22.2
		4	3	200 - 575	18.0 - 78.0	15.0	18.0 - 94.0	18.0
		6	3	200 - 575	7.5 - 35.0	11.0	7.5 - 42.5	13.2
		8	3	200 - 575	15.0 - 43.2	7.5	16.9 - 48.8	9.0
		4/2	3	200 - 575	17.5-50.4 / 21.6-62.4	12.0/15.0	20.5-59.3 / 25.4-73.2	14.4/18.0
A160LPB	60	2	3	200 - 575	29.1 - 84.0	22.0	35.0 - 100.8	26.4
		4	3	200 - 575	18.0 - 77.5	18.5	20.0 - 105.0	22.2
		6	3	200 - 575	14.0 - 60.5	15.0	18.0 - 93.5	18.0
		8	3	200 - 575	15.5 - 68.0	11.0	14.0 - 73.0	13.2
		4/2	3	200 - 575	15.5-68.0 / 19.5-84.5	15.0/18.5	15.5-82.0 / 19.5-102.0	18.0/22.2
		8/4	3	200 - 575	16.0-69.5 / 17.0-74.0	9.0/15.0	16.0-84.0 / 17.0 - 89.5	10.8/18.0

Issued by:  
**Nicola Cappiello, Engineer**  
 Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
 Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E3276701**  
Report Reference **E327670, 2009 August 7**  
Issue Date **2009 August 5**

Page 1 of 2



*Issued to:* **ELETTROMECCANICA TESSARO MARINO SRL**  
VIA LAGO DI ALBANO 51  
36015 SCHIO VI ITALY

*This is to certify that  
representative samples of*

## **COMPONENT - MOTORS**



Air-Over Motor construction three phase squirrel cage motors, totally enclosed, series "A160MPA" f/b 4, 6 or 8, f/b 1, 2, 3, 4, 5, 6, 7, 8 or 9, f/b 3, 4, 7, 8, B, C, E, F, G, H, I, J, M or N may be f/b four digits.

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* UL 1004-1, 1st Edition - Rotating Electrical Machines - General Requirements  
CSA-C22.2 No. 100-04, 6th Edition - Motors and Generators

*Additional Information:* See Addendum for Ratings.

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**Look for the UL Recognized Component Mark on the product**

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.

# Certificate of Compliance

Certificate Number **20090805-E327670I**  
Report Reference **E327670, 2009 August 7**  
Issue Date **2009 August 5**

Page 2 of 2



This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## ELECTRICAL RATINGS:

All models are rated max 575 Vac at 60Hz and three phase, output from 5.5 kW to 13.2 kW max, continuous duty. All models may be rated with alternate rating showed in the table below.

Motor Series	H z	Poles	Phase	Volt (V) min. - max.	Current and Wattage Rating		Current and Wattage Alternate Rating	
					Current (A) min. - max.	Wattage (kW)	Current (A) min. - max.	Wattage (kW)
A160MPA	60	4	3	200 - 575	14.7 - 42.5	11.0	19.7 - 57.0	13.2
		6	3	200 - 575	11.8 - 34.2	7.5	14.1 - 40.8	9.0
		8	3	200 - 575	11.6 - 33.6	5.5	13.0 - 37.7	6.6
		4/2	3	200 - 575	11.5-51.0 / 14.5-63.0	9.0/11.0	11.5-62.0 / 14.5-76.0	11.0/13.0

Issued by:  
**Nicola Cappiello, Engineer**  
Underwriters Laboratories Inc.

Reviewed by:  
**Mauro V. Cerioli, Project Engineer**  
Underwriters Laboratories Inc.