

CERTIFICATE OF COMPLIANCE

Certificate Number 20150924-E210321
Report Reference E210321-20040309
Issue Date 2015-SEPTEMBER-24

Issued to: LENZE DRIVES GMBH
BRESLAUER STR 3
32699 EXTERNAL GERMANY

**This is to certify that
representative samples of**

COMPONENT - MOTORS, INVERTER DUTY,
COMPONENT - MOTORS CERTIFIED FOR CANADA
Refer to Addendum page for models

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: CSA C22.2 No. 100-14 - Motors and Generators
UL 1004-1 - Standard for Rotating Electrical Machines
UL 1004-8 - Standard for Inverter Duty Motors

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations>.



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

MODELS

USR, CNR - Component – Asynchronous Motors Series M; followed by D, F, P or H; followed by E, F, S or X; followed by MA or MT; followed by two digits; followed by 063, 071, 080, 090, 100, 112 or 132, 160, 180, 200 or 225; followed by 0, 1, 2, 3 or 4; followed by 1, 2, 3 or 4; followed by blank, B, C, D or S, may be followed by 1 digit; followed by U, V, W or Y.

USR - Component – Asynchronous Motors Series M; followed by D, F, P or H; followed by E, F, S or X; followed by MA or MT; followed by two digits; followed by 063, 071, 080, 090, 100, 112 or 132, 160, 180, 200 or 225; followed by 0, 1, 2, 3 or 4; followed by 1, 2, 3 or 4; followed by blank, B, C, D or S, may be followed by 1 digit; followed by R.



Bruce Mahrenholz, Director North American Certification Program
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Certificate of Compliance

Certificate Number **20120309-E210321**
Report Reference **E210321-20110720**
Issue Date **2012 March 9**

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Issued to: **LENZE DRIVES GMBH**
BRESLAUER STR 3
32699 EXTERTAL GERMANY

This is to certify that representative samples of **Electric Motors Verified For Energy Efficiency**
See Addendum Page

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

Standard(s) for Safety: **CFR Part 431.23 - Energy Efficiency Program for Certain Commercial and Industrial Equipment**
CSA C390-10 - Energy Efficiency Test Methods for Three-Phase Induction Motors

Additional Information: **See UL On-line Certification Directory at WWW.UL.COM for additional information.**

Only those products bearing the UL Energy Verification Mark should be considered as being covered by UL's Energy Verification and Follow-Up Service.

The UL Verification Mark includes: the name "Underwriters Laboratories Inc."; the word "Verified"; a control number (may be alphanumeric) assigned by UL; a statement to indicate the title of applicable Energy Standard; and the product category name (product identity) as indicated in the UL Energy Verification Directory.

If the product bears a complete Listing, Classification or Recognition Mark of Underwriters Laboratories Inc., the Energy Verification Mark may be used in an abbreviated form in conjunction with the Listing, Classification or Recognition Mark. The abbreviated Marking consists of the text: "Also Verified In Accordance With Energy Standard (Date)". The date should include the month and year of the applicable Energy Standard.

Look for the UL Verification Mark on the product

William R. Carney
Director, North American Certification Programs

Underwriters Laboratories Inc.

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

Electric Motors Verified for Energy Efficiency, Series M; followed by H; followed by E; followed by MA; followed by two digits; followed by 080, 090, 100, 112 or 132; followed by 1, 2 or 3; followed by 2; followed by blank or C, may be followed by 1 digit; followed by U.

Model MHEMAxx080- 32yzU	Enclosure Type (+) TEFC	HP 1.0 - 1.2	No. of Poles 4	Nom Full Load Efficiency 82.5	Subt ype II	Type MHE MAxx 080- 32yzU	Model TEFC	Enclosure Type (+) 1.0 - 1.2
MHEMAxx090- 12yzU	TEFC	1.5 - 1.7	4	84.0	Subt ype II	MHE MAxx 090- 12yzU	TEFC	1.5 - 1.7
MHEMAxx090- 32yzU	TEFC	2.0 - 2.4	4	84.0	Subt ype II	MHE MAxx 090- 32yzU	TEFC	2.0 - 2.4
MHEMAxx100- 12yzU	TEFC	3.0 - 3.5	4	87.5	Subt ype II	MHE MAxx 100- 12yzU	TEFC	3.0 - 3.5
MHEMAxx100- 32yzU	TEFC	4.0 - 4.8	4	87.5	Subt ype II	MHE MAxx 100- 32yzU	TEFC	4.0 - 4.8
MHEMAxx112- 22yzU	TEFC	5.4 - 6.4	4	87.5 (only model rated	Subt ype II	MHE MAxx 112- 22yzU	TEFC	5.4 - 6.4

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				480/2 77V) 89.5				
MHEMAxx132- 12yzU	TEFC	7.3 - 8.8	4	89.5	Subt ype II	MHE MAxx 132- 12yzU	TEFC	7.3 - 8.8
MHEMAxx132- 22yzU	TEFC	10.0 - 12.0	4	89.5	Subt ype II	MHE MAxx 132- 22yzU	TEFC	10.0 - 12.0
MHEMAxx160- 22yzU	TEFC	15	4	91.0	Subt ype II	MHE MAxx 160- 22yzU	TEFC	15

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