

CERTIFICATE OF COMPLIANCE

Certificate Number 20120906-E132659
Report Reference E132659-20080422
Issue Date 2012-SEPTEMBER-06

Issued to: LENZE AUTOMATION GMBH
HANS LENZE STR 1
31855 AERZEN GERMANY

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

POWER CONVERSION EQUIPMENT

Open Type, Accessory for modular system, Series E84,
consisting of:

- Communication Modules, Cat. Nos. E84AYC, followed by PM, ET, IB, ER, EC EO or ES may be followed by numbers and/or letters.
- Memory Modules, Cat. No. E84AYM, followed by 1 or 2 or 3, followed by numbers or letters.
- Distributor for Master Frequency, Cat. No. EZAEVA, followed by numbers.

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

Standard(s) for Safety: POWER CONVERSION EQUIPMENT, UL508C
INDUSTRIAL CONTROL EQUIPMENT, CAN/CSA C22.2
no. 14-2010

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

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number 20140323-E132659
Report Reference E132659-20080520
Issue Date 2014-March-23

Issued to: LENZE AUTOMATION GMBH
HANS LENZE STR 1
31855 AERZEN, GERMANY

**This is to certify that
representative samples of** POWER CONVERSION EQUIPMENT
See Addendum Page

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

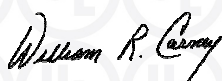
Standard(s) for Safety: UL 508C, Power Conversion Equipment
CAN/CSA C22.2 no. 14-13, Industrial Control Equipment

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

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

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William R. Carney, Director, North American Certification Programs
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CERTIFICATE OF COMPLIANCE

Certificate Number 20140323-E132659
Report Reference E132659-20080520
Issue Date 2014-March-23

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

USL, CNL – Power Conversion Equipment, Series E84, modular system, consisting of:

- Inverter Unit, open type, Cat. No. E84AV, followed by S, H, T or T, followed by letter, followed by D or E, followed by 181, 251, 371, 551, 751, 112, 152, 222, 302, may be followed by numbers and/or letters.

- Communication Modules, Cat. No. E84AYC, followed by PM, ET, IB, ER, EC, EO or ES may be followed by numbers or letters.

- Memory Modules, Cat. No. E84AYM, followed by 1 or 2 or 3, followed by numbers or letters.

- Distributor for Master Frequency, Cat. No. EZA EVA, followed by numbers.



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CERTIFICATE OF COMPLIANCE

Certificate Number 20140327-E132659
Report Reference E132659-20081117
Issue Date 2014-March-27

Issued to: LENZE AUTOMATION GMBH
HANS LENZE STR 1
31855 AERZEN, GERMANY

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

COMPONENT-POWER CONVERSION EQUIPMENT
See Addendum Page

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

Standard(s) for Safety:

UL 508C, Power Conversion Equipment
CAN/CSA C22.2 no. 14-13, Industrial Control Equipment

Additional Information:

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

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.

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 Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number 20140327-E132659
Report Reference E132659-20081117
Issue Date 2014-March-27

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

USR, CNR – Power Conversion Equipment, Open Type, Series E84, modular system, consisting of:

- Inverter Unit, open type, Cat. No. E84AV, followed by S, H, T, followed by letter, followed by C, followed by 181, 251, 371, 551, 751, 112, 152, 222, 302, may be followed by numbers and/or letters.
- Communication Modules, Cat. No. E84AYC, followed by PM, ET, IB, ER, EC, EO or ES may be followed by numbers or letters.
- Memory Modules, Cat. No. E84AYM, followed by 1 or 2 or 3, followed by numbers or letters.
- Distributor for Master Frequency, Cat. No. EZAEVA, followed by numbers.



William R. Carney, Director, North American Certification Programs
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CERTIFICATE OF COMPLIANCE

Certificate Number E132659
Report Reference E132659-20081118
Issue Date 2020-JUNE-30

Issued to: Lenze Automation GmbH
Hans-Lenze-Strasse 1
31855 Aerzen GERMANY

**This certificate confirms that
representative samples of**

POWER CONVERSION EQUIPMENT
See Addendum for Models/Product

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

Standard(s) for Safety:

UL 508C, Power Conversion Equipment
CAN/CSA C22.2 no. 14-17 Industrial Control Equipment

Additional Information:

See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number E132659
Report Reference E132659-20081118
Issue Date 2020-JUNE-30

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

USL, CNL – Power Conversion Equipment, Series E84, modular system, consisting of:

- Inverter Unit, open type, Cat. No. E84AV, followed by S, H, T, followed by letter, followed by D or E, followed by 302, 402, 552, 752, 113, 153, 183, 223, 303, 373, 453 may be followed by numbers and/or letters.
- Communication Modules, Cat. No. E84AYC, followed by PM, ET, IB, ER, EC, EO or ES may be followed by numbers or letters.
- Memory Modules, Cat. No. E84AYM, followed by 1 or 2 or 3, followed by numbers or letters.
- Distributor for Master Frequency, Cat. No. EZA EVA, followed by numbers.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number 20140327- E132659
Report Reference E132659-20090904
Issue Date 2014-March-27

Issued to: LENZE AUTOMATION GMBH
HANS LENZE STR 1
31855 AERZEN, GERMANY

**This is to certify that
representative samples of** COMPONENT-POWER CONVERSION EQUIPMENT
See Addendum Page

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

Standard(s) for Safety: UL 508C , Power Conversion Equipment
CAN/CSA C22.2 no. 14-13, Industrial Control Equipment

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

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.

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 Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number 20140327- E132659
Report Reference E132659-20090904
Issue Date 2014-March-27

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

USR, CNR – Component - Power Conversion Equipment, Series E84, modular system, consisting of:

- Inverter Unit, open type, Cat. No. E84AV, followed by S, H, T, followed by letter, followed by C, followed by 302, 402, 552, 752, 113, 153, 183, 223, 303, 373, 453 may be followed by numbers and/or letters.
- Communication Modules, Cat. No. E84AYC, followed by PM, ET, IB, ER, EC, EO or ES may be followed by numbers or letters.
- Memory Modules, Cat. No. E84AYM, followed by 1 or 2 or 3, followed by numbers or letters.
- Distributor for Master Frequency, Cat. No. EZAEVA, followed by numbers.



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