



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx BVS 09.0013X issue No.:1  
Status: **Draft**  
Date of Issue: **2013-01-29** Page 1 of 4  
Applicant: **Phoenix Contact GmbH & Co.KG**  
Flachsmarktstraße 8  
32825 Blomberg  
Germany  
Electrical Apparatus: **Isolating amplifier type MACX MCR-UI-UI-UP and MACX MCR-UI-UI-UP-SP**  
Optional accessory:  
Type of Protection: **Type of Protection "n" electrical apparatus**  
Marking: Ex nA IIC T4 Gc  
Approved for issue on behalf of the IECEx Certification Body: H.-Ch. Simanski  
Position: Head of Certification Body  
Signature:   
(for printed version)  
Date: 

Certificate history:  
Issue No. 1\* (2013-1-29)  
Issue No. 0 (2009-3-10)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**DEKRA EXAM GmbH**  
Dinnendahlstrasse 9  
44809 Bochum  
Germany

 **DEKRA**  
DEKRA EXAM GmbH



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Manufacturer: **Phoenix Contact GmbH & Co.KG**  
Flachmarktstraße 8  
32825 Blomberg  
Germany

Additional Manufacturing location  
(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

**IEC 60079-0 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition: 6.0

**IEC 60079-15 : 2010** Explosive atmospheres - Part 15: Equipment protection by type of protection "n"  
Edition: 4

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:  
[DE/BVS/ExTR09.0014/01](#)

Quality Assessment Report:  
[NL/KEM/QAR06.0005/08](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

#### Ratings

Unchanged

### CONDITIONS OF CERTIFICATION: YES as shown below:

#### Special conditions for safe use

If the isolating amplifier type MACX MCR-UI-UI-UP or type MACX MCR-UI-UI-UP-SP is used in Zone 2 areas, it has to be mounted in an enclosure which is in accordance with IEC 60079-15.



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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

The isolating amplifier type MACX MCR-UI-UI-UP or type MACX MCR-UI-UI-UP-SP was tested in accordance to the new standard versions of IEC 60079-\*. The marking was modified according to the new standard versions.

The mechanical construction and the internal electronics is unchanged.