



# 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 KEM 07.0016U** issue No.:1  
 Status: **Current**  
 Date of Issue: **2009-07-27** Page 1 of 4

Certificate history:  
 Issue No. 1 (2009-7-27)  
 Issue No. 0 (2007-7-24)

Applicant: **PHOENIX CONTACT GmbH & Co. KG**  
 Flachmarktstrasse 8  
 32825 Blomberg  
 Germany

Electrical Apparatus: **Terminal blocks MBK 2,5/E**  
 Optional accessory:

Type of Protection: **Increased safety**

Marking: **Ex e II**

Approved for issue on behalf of the IECEx  
 Certification Body:


C.G. van Es

Position:

Certification Manager

Signature:  
 (for printed version)

Date:

  
 2009-07-27

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:

**KEMA Quality B.V.**  
**Utrechtseweg 310**  
**6812 AR Arnhem**  
**The Netherlands**





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Manufacturer: **PHOENIX CONTACT GmbH & Co. KG**  
Flachmarktstrasse 8  
32825 Blomberg  
Germany

Manufacturing location(s):

**PHOENIX CONTACT  
India Pvt. Ltd.**

Unit I : A-58/2, Okhla  
Industrial Area, Phase – II  
New Delhi – 110020  
Unit III : Prithla-Dhatir Road  
Village Dudhola  
Palwal – 121102 (Haryana)  
India

**Nanjing PHOENIX  
CONTACT Ltd. and  
PHOENIX CONTACT  
Asia-Pacific (Nanjing)  
Co. Ltd.**

36 Phoenix Road, Jiangning  
Development Zone  
Nanjing, 211100, Jiangsu  
Province  
China

**PHOENIX CONTACT Ind. PHOENIX CONTACT  
Com. Ltda.**

Rua Gino Cesaro, 169  
Água Branca 05038-140  
São Paulo/SP  
Brazil

**PHOENIX CONTACT  
GmbH & Co. KG**

Flachmarktstrasse 8  
32825 Blomberg  
Germany

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 : 2004** Electrical apparatus for explosive gas atmospheres - Part 0: General requirements  
Edition: 4.0  
**IEC 60079-7 : 2006-07** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
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:

[NL/KEM/ExTR07.0015/00](#)

Quality Assessment Report:

[NL/KEM/QAR06.0005/05](#)

[NL/KEM/QAR07.0001/02](#)

[NL/KEM/QAR07.0002/02](#)

[NL/KEM/QAR08.0013/01](#)



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## Schedule

### EQUIPMENT:

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

#### Description

Terminal Block type MBK 2,5/E, with accessories, for the connection of copper conductors in enclosures in type of protection increased safety "e". For combustible dust these enclosures must satisfy the requirements according to IEC 61241 series. For fixing on mounting rails type NS 15 according to IEC 60715.

Operating temperature range -50 °C ... +110 °C.

Refer to the ANNEX for the electrical data.

### CONDITIONS OF CERTIFICATION: NO



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

Issue 1: manufacturing locations updated

**Annexe:** IECEx KEM 07 0016U.pdf



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