



# 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 08.0004 issue No.: 0 Certificate history: .....

Status: **Current**

Date of Issue: **2008-07-11** Page 1 of 4

Applicant: **ROLEC Gehäuse-Systeme GmbH**  
Kreuzbreite 2  
31737 Rinteln  
Germany

Electrical Apparatus: **Terminal Boxes**  
Optional accessory:

Type of Protection: **Ex e, Ex e ia, Ex ia, Ex tD**

Marking: **Ex e II T6 and/or**  
**Ex e ia IIC T6 and/or**  
**Zone 0 Ex ia IIC T6 and/or**  
**Ex tD A21 IP65 (or IP66) T 80 °C**

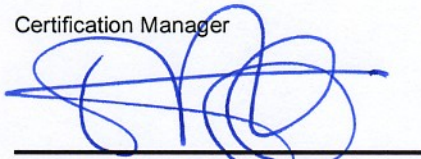
Approved for issue on behalf of the IECEx  
Certification Body:

T. Pijpker

Position:

Certification Manager

Signature:  
(for printed version)

  
2008-07-11

Date:

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: **ROLEC Gehäuse-Systeme GmbH**  
Kreuzbreite 2  
31737 Rinteln  
Germany

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:

<b>IEC 60079-0 : 2004</b> Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2006</b> Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-26 : 2006</b> Edition: 2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
<b>IEC 60079-7 : 2006-07</b> Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
<b>IEC 61241-0 : 2004</b> Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
<b>IEC 61241-1 : 2004</b> Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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/ExTR08.0004/00

Quality Assessment Report:

NL/KEM/QAR07.0011/00





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## Schedule

### EQUIPMENT:

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

Terminal Boxes Series polyTOP PT ... , Series aluKOM.... and Series polyKOM PK ... for fixed installation, horizontal or vertical, light resistant, provided with terminals in type of protection increased safety "e", for non-intrinsically safe and/or intrinsically safe circuits. The area for mounting the intrinsically safe circuits is identified, for example by a light blue colour.

	Ambient temperature range	Degree of protection
Series polyTOP PT ...	-40 °C to +40 °C	IP65
Series aluKOM....	-20 °C to +40 °C	IP66
Series polyKOM PK ...	-40 °C to +40 °C	IP65

### CONDITIONS OF CERTIFICATION: NO





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## EQUIPMENT(continued):

### Electrical data

Rated voltage	:	max. 1000 V
Rated current	:	)
Number of conductors	:	) according to the datasheets of the manufacturer
Conductor cross section	:	)

### Installation instructions

The degree of protection of IP65 or IP 66 to IEC 60529 is only achieved if certified IP65 or IP66 cable entries are used that are suitable for the application and correctly installed.