

Translation, original language: German



(1) **EC-TYPE EXAMINATION CERTIFICATE**

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC**

(3) EC-Type Examination Certificate Number: **KEMA 02ATEX2055 U** Issue Number: **3**

(4) Component: **Enclosures Series polyKOM PK ...**

(5) Manufacturer: **ROLEC Gehäuse-Systeme GmbH**

(6) Address: **Kreuzbreite 2, 31737 Rinteln, Germany**

(7) This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the directive.

The examination and test results are recorded in confidential report no. 2105716/6.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2006
EN 61241-0 : 2006

EN 60079-7 : 2003
EN 61241-1 : 2004

(10) The sign "U" placed after the certificate number indicates that this certificate describes components and must not be mistaken for a certificate intended for an equipment or protective system. This EC-Type Examination Certificate may be used as a basis for certification of an equipment or protective system.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified component according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.

(12) The marking of the component shall include the following:



II 2 G Ex e II
II 2 D Ex tD A21 IP65

This certificate is issued on 11 May 2007 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.

H.J.G. de Wild
Certification Manager



(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 02ATEX2055 U** Issue No. 3

(15) **Description**

Enclosures Series polyKOM PK..., for fixed installation, horizontal or vertical, light resistant, made of polyester, for mounting of electrical equipment for use in the presence of flammable gases or combustible dust.

Operating temperature range -40 °C to +100 °C.

Installation instructions

The degree of ingress protection of IP65 to EN 60529 is only achieved if certified IP65 cable entries are used that are suitable for the application and correctly installed.

The clearances and creepage distances of the built-in electrical equipment in type of explosion protection increased safety "e" shall satisfy the requirements of Clause 4.4 and Clause 4.5 (Table 1) of EN 60079-7.

Internal connection facilities for earthing or bonding conductors shall satisfy the requirements of Clause 15 of EN 60079-0.

(16) **Report**

KEMA No. 2105716/6.

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 2105716/6.