



Test Report No. 2105716/2

Terminal boxes Series aluKOM ...

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

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

Author : P.T. van Nijen 10.05.2007 Reviewer : H.J.G. de Wild 11.05.2007
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This Test Report contains the test results related to the sample(s) tested. The tests results cannot be used for any statement related to the quality of the equipment from running production.

1 Standards applied

Samples of the equipment as described under (2) below were subjected to the requirements and tests of the following standards:

EN 60079-0 : 2006
EN 60079-7 : 2003
EN 60079-11 : 2007
EN 60079-26 : 2004
EN 61241-0 : 2006
EN 61241-1 : 2004

The assessment of the equipment was conducted from 5 April to 11 May 2007.

2 Description of the equipment under test

Terminal Boxes Series aluKOM.... for fixed installation, horizontal or vertical, 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 -20 °C to +40 °C.

Electrical data

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

3 Marking of the equipment



II 2 G Ex e II T6
II 2 D Ex tD A21 IP66 T 80 °C or

II 2 G Ex e ia IIC T6
II 2 D Ex tD A21 IP66 T 80 °C or

II 1 G Ex ia IIC T6

4 Test documentation

1. EC-Type Examination Certificate KEMA 02ATEX2054 U
Certificate of Conformity KEMA No. Ex-99.E.0859

dated

2. Drawing No. 000 108 000, Rev. D 24.04.2007
000 108 001, Rev. D 24.04.2007
000 112 000, Rev. D 24.04.2007
000 112 002, Rev. B 24.10.2006
3. Componentslist 200-sb2.xls – Stückliste)
200-sb3.xls – Stückliste) 24.10.2006
200-sb4.xls – Stückliste)

5 Instructions for installation and use

The manual provided with the equipment shall be followed in detail to assure proper and safe operation.

6 Test results

The detailed test results are laid down in confidential file no. 2105716. There were no deviations from, additions to or exclusions from the applicable test methods as described in the standards mentioned under (1) above. Where applicable, the estimated uncertainty of measurement meets the requirements of IECEx Operational Document OD012.

7 Conclusion

The equipment as described under (2) above met all applicable requirements of the standards as mentioned under (1) above. Certification of this equipment is therefore recommended.

Author:



P.T. van Nijen

Reviewer:



H.J.G. de Wild

END OF TEST REPORT