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

Certificate No.:	IECEx PTB 09.0035U issue No.:2	Certificate history: Issue No. 2 (2012-7-11) Issue No. 1 (2010-6-10) Issue No. 0 (2009-8-20)
Status:	**Current**	
Date of Issue:	**2012-07-11**	Page 1 of 5

Applicant: **Rittal GmbH & Co. KG**
Auf dem Stützelberg
35745 Herborn
Germany

Electrical Apparatus: **Empty Enclosure Type KEL 94XX.YYY**
Optional accessory:

Type of Protection: **Increased Safety "e", Protection by Enclosure "tb"**

Marking:
Ex e IIC Gb
Ex tb IIIC Db IP66
Alternative
Ex eb IIC
Ex tb IIIC IP66
Tamb -30 °C to +80 °C

Approved for issue on behalf of the IECEx Certification Body: Dr.-Ing. Uwe Klausmeyer

Position: Head of section "Flameproof Enclosures"

Signature:
(for printed version)

Date: 28. AUG. 2012

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.

Certificate issued by:

Physikalisch-Technische Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig
Germany

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Manufacturer: **Rittal-Werk, Rudolf Loh GmbH & Co. KG**
Auf dem Stützelberg
35745 Herborn
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:

IEC 60079-0 : 2007-10 Edition: 5	Explosive atmospheres - Part 0:Equipment - General requirements
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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/PTB/ExTR09.0041/02

Quality Assessment Report:

DE/PTB/QAR09.0006/02

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Schedule

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

Description of equipment
Empty enclosure of type KEL 94XX.YYY, made from high grade steel in the type of protection Increased Safety "e" and Protection by enclosure "tb". It can be alternatively equipped with flanges on the side of the enclosure.

Technical data

Sizes	length	height	depth
min	200 mm	300 mm	120 mm
max	1300 mm	1200 mm	300 mm
Ambient temperature	-30 °C to +80 °C (with Silicon gasket)		
Protection against contact, foreign bodies and water:	IP 66 acc. to IEC 60529		

CONDITIONS OF CERTIFICATION: NO

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

New gasket type Silikon 2 can be used

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Additional information:

Nomenclature

KEL 94	XX.	YY	Y
1	2	3	4

1: Type, Empty enclosure
2: Size
3: Material
4: Variants without influence on the explosion protection

Schedule of Limitations

Installation of electrical components requires a further assessment by an ExCB.