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 IBE 13.0002X	Issue No: 0	Certificate history: Issue No. 0 (2013-07-15)
Status:	**Current**	Page 1 of 3	
Date of Issue:	**2013-07-15**		

Applicant: **Weidmüller Interface GmbH & Co. KG**
Klingenbergstr. 16
32758 Detmold
Germany

Equipment: **Junction enclosures**

Optional accessory:

Type of Protection: **Protection by increased safety "e", Protection by intrinsic safety "i", Protection by enclosure "t"**

Marking:

Ex e IIC T6…T4 Gb or **Ex eb IIC T6…T4**
Ex ia IIC T6…T4 Gb
Ex e ia IIC T6…T4 Gb

Ex tb IIIC T 85 °C …135 °C Db or **Ex tb IIIC T 85 °C…135 °C**

Approved for issue on behalf of the IECEx Certification Body: Prof. Dr. Redeker

Position: Head of Certification Body

Signature:
(for printed version)

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.

Certificate issued by:

IBExU Institut für Sicherheitstechnik GmbH
Certification Body
Fuchsmühlenweg 7
09599 Freiberg
Germany

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Certificate No:	IECEx IBE 13.0002X	Issue No: 0
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Manufacturer:	**Weidmüller Interface GmbH & Co. KG** Klingenbergstr. 16 32758 Detmold **Germany**	

Additional 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
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/IBE/ExTR13.0002/00

Quality Assessment Report:

NL/DEK/QAR12.0052/00

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Junction enclosures type Klippon K, made of aluminium
Ambient temperature range: T6/T 85 °C -60 °C to +40 °C
T5/T 100 °C -60 °C to +55 °C
T4/T 135 °C -60 °C to +90 °C
Degree of protection: IP 66/67
Further identical constructed enclosures can be manufactured with in between sizes.

	length	breadth	high
Klippon K1	70 mm	70 mm	45 mm
Klippon K2	70 mm	100 mm	45 mm
Klippon K3	70 mm	165 mm	45 mm
Klippon K4	82 mm	130 mm	72 mm
Klippon K5	130 mm	170 mm	90 mm
Klippon K6	160 mm	200 mm	100 mm
Klippon K7	160 mm	350 mm	100 mm
Klippon K11	80 mm	75 mm	57 mm
Klippon K21	80 mm	125 mm	57 mm
Klippon K31	80 mm	175 mm	57 mm
Klippon K32	80 mm	250 mm	55 mm
Klippon K41	120 mm	122 mm	81 mm
Klippon K51	120 mm	220 mm	81 mm
Klippon K52	160 mm	160 mm	91 mm
Klippon K61	160 mm	260 mm	91 mm
Klippon K71	230 mm	280 mm	111 mm

CONDITIONS OF CERTIFICATION: YES as shown below:

The applicable temperature ranges for the ambient temperature depending on the temperature class / max. Surface temperature must be observed.

The values are maximum values, the actual electrical values are determined by the built-in components. The manufacturer fixes the definite rated values in the context of these limiting values. So the manufacturer ensures the compliances with the maximum surface temperature and the permissible operating temperature of the components.