



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx EPS 13.0002	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2013-06-19		
Applicant:	eltherm production GmbH Ernst-Heinkel-Straße 6-10 57299 Burbach Germany		
Equipment:	Junction boxes type ELAK-EX...		
Optional accessory:			
Type of Protection:	increased safety "e", protection by enclosures "tb"		
Marking:	Ex e IIC T6/T5/T4 Gb Ex tb III C T80°C Db IP66		

Approved for issue on behalf of the IECEx
Certification Body:

Dieter Zitzmann

Position:

Certification Officer

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Certificate No.: **IECEx EPS 13.0002**

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Date of issue: 2013-06-19

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Manufacturer: **eltherm production GmbH**
Ernst-Heinkel-Straße 6-10
57299 Burbach
Germany

Manufacturing
locations:

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 equipment 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 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-31:2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition: 1

IEC 60079-7:2006 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition: 4

This Certificate **does not** indicate compliance with 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/EPS/ExTR13.0008/00

Quality Assessment Report:

FR/INE/QAR12.0007/00



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Junction box with already component certified enclosures and terminals. The increased safety is given by limitation of maximum power dissipation and max number of terminals defined by manufacturer.

SPECIFIC CONDITIONS OF USE: NO

Only certified components with applicable standard revision and temperature rating shall be used.

The ambient temperature conditions are as follows:

$-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ (T6)

$-40^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$ (T5)

$-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ (T4)