



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 15.0021U	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 1	Issue 0 (2015-05-11)
Date of Issue:	2017-01-23		
Applicant:	eltherm production GmbH Ernst-Heinkel-Straße 6-10, D-57299 Burbach Germany		
Equipment:	ELAK-Ex-3d		
Optional accessory:			
Type of Protection:	"db", "tb"		
Marking:	Ex db IIC Gb Ex tb III C Db		

Approved for issue on behalf of the IECEx
Certification Body:

Dieter Zitzmann

Position:

Certification manager

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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Issue No: 1

Manufacturer: **eltherm production GmbH**
Ernst-Heinkel-Straße 6-10, D-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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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 Reports:

DE/EPS/ExTR15.0026/00

DE/EPS/ExTR15.0026/01

Quality Assessment Report:

FR/INE/QAR12.0007/01



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Flameproof enclosure type ELAK-Ex-3d is made by aluminium constructed rectangular with threaded opening. The intended use is for installation of thermostat switched and terminals.

Technical data:

Voltage: max. 400V

Current: max. 25A

Degree of protection: IP66

Max. service temperature: -60°C to +80°C

Max. power dissipation:

Size (mm)	Temperature class	Ambient temperature	Power (W)
140x120x120	T6/T85°C	+60°C	40W
140x120x120	T6/T85°C	+50°C	50W

Schedule of limitations:

All openings must be closed by certified cable glands or blind plugs

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Correction of service temperature