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**IECEx certificate:**

EN

**BVS 16.0026U**

**for**



**ABA17x**

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Meggitt SA  
Route de Moncor 4  
PO Box 1616  
1701 Fribourg  
Switzerland

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## IECEx Certificate of Conformity

Issue No: 0  
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Certificate No: IECEx BVS 16.0026U

Date of Issue: 2016-05-10

Manufacturer: thuba Ltd.  
Blauensteinstrasse 16  
4002 Basel  
Switzerland

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 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 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "T"
IEC 60079-7 : 2015 Edition:5.0	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.*

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**TEST & ASSESSMENT REPORTS:**  
 A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:  
 DE/BVSEXTR16.0029/00

Quality Assessment Report:  
 DE/BVSOAR13.0010/02

## IECEx Certificate of Conformity

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Certificate No.: IECEx BVS 16.0026U

Status: Current

Date of Issue: 2016-05-10

Applicant: thuba Ltd.  
Blauensteinstrasse 16  
4002 Basel  
Switzerland

Equipment: Empty enclosure type eCAM \*\*\* \*\*

Optional accessory:

Type of Protection: Equipment dust ignition protection by enclosure "T", Equipment protection by increased safety "e"

Marking: Ex eb IIC Gb  
Ex Ib III C Db

Approved for issue on behalf of the IECEx Certification Body: H.-Ch. Simanski

Position: Head of Certification Body

Signature: \_\_\_\_\_  
(for printed version)

Date: \_\_\_\_\_


Certificate history:  
Issue No. 0 (2016-05-10)

INTERNATIONAL ELECTROTECHNICAL COMMISSION  
 IEC Certification Scheme for Explosive Atmospheres  
for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

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Certificate issued by:

DEKRA EXAM GmbH  
 Dimendahlstrasse 9  
 44809 Bochum  
 Germany

 **DEKRA**  
 On the safe side.

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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.



**IECEX Certificate  
of Conformity**

Issue No: 0  
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Certificate No: IECEx BVS 16.0026U  
Date of Issue: 2016-05-10

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

Schedule

**Subject and Type**  
Empty enclosure type eCAM \*\*1) \*\*2) \*\*3)

Type	Size		
	width1) (mm)	height2) (mm)	depth3) (mm)
Steel or stainless steel			

Enclosure with screwed fixing covers (size range)


eCAM 12 12 08	120	120	80
up to			
eCAM 40 40 20	400	400	200

Enclosure with hinges and latches (size range)

eCAM 20 20 10	200	200	100
up to			
eCAM 100 120 50	1000	1200	500

**Description**  
The empty enclosure type eCam \*\* \*\* is built in type of protection Increased Safety "o" for use in areas with EPL Gb or Protection by Enclosure "I" for use in areas with EPL Db.  
The empty enclosure is used for the mounting of different switch and control apparatus. The enclosure consists of steel or stainless steel and can be constructed with a screwed fixing cover or a cover with hinges and latches.

**SPECIFIC CONDITIONS OF USE: NO**



**IECEX Certificate  
of Conformity**

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Certificate No: IECEx BVS 16.0026U  
Date of Issue: 2016-05-10

**EQUIPMENT (continued):**

**Parameters**  
Limits of service temperature -55 °C up to +100 °C  
IP protection degree IP66

**Schedule of Limitations**  
N/A