

Issued 30 June 2006 Page 1 of 2

EC - TYPE EXAMINATION CERTIFICATE

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 EC - Type Examination Certificate Number: Basecfa06ATEX0007X

Certificate Number:

Equipment or Protective System:

Orbis IS Series Fire Detectors

5 Manufacturer:

Apollo Fire Detectors Limited

6 Address:

1

4

36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

- 7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8 Basecfa (2001) Ltd., Notified Body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. 05(C)0414

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2004

EN 50020:2002

EN 60079-26:2004

except in respect of those requirements listed at item 18 of the Schedule.

- 10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- 11 This EC TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- 12 The marking of the equipment or protective system shall include the following:

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. 0073

Project File No. 05/0414

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601
e-mail info@baseefa.com web site www.baseefa.com
Baseefa is a trading name of Baseefa (2001) Ltd
Registered in England No. 4305576 at the above address

R S SINCLAIR DIRECTOR On behalf of Basecfa (2001) Ltd.



Issued 30 June 2006 Page 2 of 2

13

14

Schedule

Certificate Number Baseefa06ATEX0007X

15 Description of Equipment or Protective System

The Orbis IS Series Fire Detectors are designed to detect the presence of fire using optical, heat (which may be static or rate of rise type) and multisensor (an optical sensor with a heat sensing element) techniques. Each type of detector shares a common printed circuit board located in a plastic enclosure which is fitted to a mounting base.

Electrical connections to external circuits are made to the terminals located in the mounting base.

A Base Adaptor may be used to install and use an Orbis IS Series Fire Detector in a pre-existing Series 60 installation.

$$U_i = 28V$$
 $C_i = 0$
 $I_i = 93.3 \text{mA}$ $L_i = 0$
 $P_i = 0.67 \text{W}$

16 Report Number

05(C)0414

17 Special Conditions for Safe Use

 To avoid problems with electrostatic charging of the enclosure, the equipment must not be located in a dust-laden airflow or cleaned with a dry cloth or with solvents.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
400-HT-00011 CS SHT1 3	1 of 1	1/	Jun 06	Heat Detector, Certificate Schedule
400-HT-00011_CS SHT2_3 <	1 of 1	1/	Jun 06	Heat Detector, Certificate Schedule
400-HT-00011_CS SHT3_3 ✓	1 of 1	1 1	Jun 06	Heat Detector, Certificate Schedule
400-OH-00012 CS SHT1_3	1 of 1	1 -	Jun 06	Multisensor Detector, Certificate Schedule
400-OH-00012_CS SHT2_3 V	1 of 1	1	Jun 06	Multisensor Detector, Certificate Schedule
400-OH-00012 CS SHT3 3	1 of 1	1	Jun 06	Multisensor Detector, Certificate Schedule
400-OP-00013 CS SHT1 3 V	1 of 1	1-	Jun 06	Optical Smoke Detector, Certificate Schedule
400-OP-00013_CS SHT2_3 ✓	1 of 1	1-	Jun 06	Optical Smoke Detector, Certificate Schedule
400-OP-00013 CS SHT3_3 V	1 of 1	1-	Jun 06	Optical Smoke Detector, Certificate Schedule
300-MA-00011 CS 🗸	1 of 1	1"	Jun 06	Timesaver Base, Certificate Schedule
400-BA-00014 CS /	1 of 1	1	Jun 06	Base Adaptor, Certificate Schedule



lssued 31 August 2006 Page 1 of 2

SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Supplementary EC - Type

Baseefa06ATEX0007X/1

Examination Certificate Number: Equipment or Protective System:

5 Manufacturer:

Orbis IS Series Fire Detectors Apollo Fire Detectors Limited

6 Address:

36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa06ATEX0007X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. 0073

Project File No. 06/0684

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601
e-mail info@baseefa.com web site www.baseefa.com
Baseefa is a trading name of Baseefa (2001) Ltd
Registered in England No. 4305578 at the above address

R/S SINCLAIR

DIRECTOR On behalf of Baseefa (2001) Ltd.



Issued 31 August 2006 Page 2 of 2

13

14

Schedule

Certificate Number Baseefa06ATEX0007X/1

15 Description of the variation to the Equipment or Protective System

Variation 1.1

To permit:

- a) minor changes to various safety components
- b) an alternative PCB layout.

16 Report Number

06(C)0684

17 Special Conditions for Safe Use

None additional to those listed previously

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Issue	Date	Description
400-HT-00011 CS SHT1 3 ₩	2 1	Aug 06	Orbis, Intrinsically Safe Heat Detector, Certificate Schedule
400-HT-00011 CS SHT2_3	2~	Aug 06	Orbis, Intrinsically Safe Heat Detector, Certificate Schedule
400-HT-00011 CS SHT3_3 ✓	2-	Aug 06	Orbis, Intrinsically Safe Heat Detector, Certificate Schedule
400-OH-00012 CS SHT1 3 ~	2 ~	Aug 06	Orbis, Intrinsically Safe Multisensor Detector, Certificate Schedule
400-OH-00012 CS SHT2 3 ~	2 -	Aug 06	Orbis, Intrinsically Safe Multisensor Detector, Certificate Schedule
400-OH-00012_CS SHT3_3 V	2 ~	Aug 06	Orbis, Intrinsically Safe Multisensor Detector, Certificate Schedule
400-OP-00013 CS SHT1 3 ~	2~	Aug 06	Orbis, Intrinsically Safe Optical Detector, Certificate Schedule
400-OP-00013 CS SHT2 3	2 4	Aug 06	Orbis, Intrinsically Safe Optical Detector, Certificate Schedule
400-OP-00013 CS SHT3 3 V	2 0	Aug 06	Orbis, Intrinsically Safe Optical Detector, Certificate Schedule
All drawings are common to, ar	nd held w	ith, IECEx	BAS06.0002X/1



Issued 8 July 2011 Page 1 of 2

1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC

3 Supplementary EC - Type

Baseefa06ATEX0007X/2

Examination Certificate Number: Equipment or Protective System:

Orbis IS Series Fire Detectors

5 Manufacturer:

Apollo Fire Detectors Limited

6 Address:

36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

- 7 This supplementary certificate extends EC Type Examination Certificate No. Baseefa06ATEX0007X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.
- 8 Item 9 of the original Certificate is replaced by "Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2009 EN 60079-11:2007

except in respect of those requirements listed at item 18 of the Schedule.

9 The marking of the equipment has changed from the original Certificate and shall include the following:

② II 1 G Ex ia IIC T4 Ga $(-40^{\circ}\text{C} \le \text{Ta} \le +60^{\circ}\text{C}) / \text{T5} (-40^{\circ}\text{C} \le \text{Ta} \le +40^{\circ}\text{C})$

This certificate shall be held with the original certificate and may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. 0073

Project File No. 11/0515

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601
e-mail info@baseefa.com web site www.baseefa.com
Baseefa is a trading name of Baseefa Ltd

Registered in England No. 4305578. Registered address as above.

R S SINCLAIR DIRECTOR On behalf of Baseefa



Issued 8 July 2011 Page 2 of 2

13

14

Schedule

Certificate Number Baseefa06ATEX0007X/2

15 Description of the variation to the Equipment or Protective System

Variation 2.1

To permit minor drawing changes that do not affect the original assessment.

Variation 2.2

To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN 60079-0:2006, and EN 60079-11:2007 in respect of the differences from EN 60079-0:2004 and EN 50020:2002 and that none of these differences affect this equipment.

16 Report Number

None.

17 Special Conditions for Safe Use

None additional to those listed previously.

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
300-MA-00011_CS	1 of 1	2	Jul 11	Orbis, Intrinsically Safe Timesaver Base, Certificate Schedule
400-HT-00011_CS	1 - 3	3	Jul 11	Orbis, Intrinsically Safe Heat Detector, Certificate Schedule
400-OH-00012_CS	1-3	3	Jul 11	Orbis, Intrinsically Safe Multisensor Detector, Certificate Schedule
400-OP-00013_CS	1 - 3	3	Jul 11	Orbis, Intrinsically Safe Optical Detector, Certificate Schedule
mt to the	environ ex	4.1.13	Contain Time	TE. DAE 06 0003V/3

18

These drawings are common to, and held with, IECEx BAS 06.0002X/2



Issued 30 August 2012 Page 1 of 2

SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

 Supplementary EC - Type Examination Certificate Number; Baseefa06ATEX0007X/3

4 Equipment or Protective System:

Orbis IS Series Fire Detectors

5 Manufacturer:

Apollo Fire Detectors Limited

6 Address:

36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

7 This supplementary certificate extends EC - Type Examination Certificate No. Basecfa06ATEX0007X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.

Bascefa Customer Reference No. 0073

Project File No. 12/0446

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601
e-mail info@baseefa.com web site www.baseefa.com
Baseefa is a trading name of Baseefa Ltd

Registered in England No. 4305578. Registered address as above.

DIRECTOR On behalf of Baseefa



Issued 30 August 2012 Page 2 of 2

13

14

Schedule

Certificate Number Baseefa06ATEX0007X/3

15 Description of the variation to the Equipment or Protective System

Variation 3.1

To permit minor drawing changes that do not affect the original assessment.

16 Report Number

None.

17 Specific Conditions of Use

None additional to those listed previously.

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
400-BA-00014_CS	1 of 1	2	Oct 11	Orbis, Intrinsically Safe Base Adaptor, Certificate Schedule



Issued 23 February 2015 Page 1 of 3

EC - TYPE EXAMINATION CERTIFICATE

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC

3 EC - Type Examination

1

Baseefa06ATEX0007X - Issue 4

Certificate Number:

4 Equipment or Protective System: Orbis IS Series Fire Detectors

5 Manufacturer: Apollo Fire Detectors Limited

6 Address: 36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

- 7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8 Baseefa, Notified Body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No's. See Certificate History

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 EN 60079-11:2012

except in respect of those requirements listed at item 18 of the Schedule.

- 10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- 11 This EC TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- 12 The marking of the equipment or protective system shall include the following:

⟨E⟩ II 1 G Ex ia IIC T4 (-50°C ≤Ta ≤+60°C) / T5 (-50°C ≤Ta ≤+40°C) Ga

Baseefa Customer Reference No. 0073

Project File No. 14/0988

This document is issued by the Company subject to its General Conditions for Certification Services accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and the Supplementary Terms and Conditions accessible at http://www.baseefa.com/terms-and-conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. It does not necessarily indicate that the equipment may be used in particular industries or circumstances. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, schedule included, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Baseefa Limited

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601
e-mail info@baseefa.com web site www.baseefa.com

Registered in England No. 4305578.

Registered address: Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN

GENERAL MANAGER
On behalf of SGS Basecfa Limited

ALLAN OCOEN

14



Issued 23 February 2015 Page 2 of 3

13 Schedule

Certificate Number Baseefa06ATEX0007X - Issue 4

15 Description of Equipment or Protective System

The Orbis IS Series Fire Detectors are designed to detect the presence of fire using optical, heat (which may be static or rate of rise type) and multisensor (an optical sensor with a heat sensing element) techniques. Each type of detector shares a common printed circuit board located in a plastic enclosure which is fitted to a mounting base.

Electrical connections to external circuits are made to the terminals located in the mounting base.

A Base Adaptor may be used to install and use an Orbis IS Series Fire Detector in a pre-existing Series 60 installation.

$$U_i = 28V$$
 $C_i = 0$
 $I_i = 93.3\text{mA}$ $L_i = 0$
 $P_i = 0.67\text{W}$

16 Report Number

GB/BAS/ExTR15.0059/00

17 Specific Conditions of Use

 To avoid problems with electrostatic charging of the enclosure, the equipment must not be located in a dust-laden airflow or cleaned with a dry cloth or with solvents.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

New drawings submitted for this issue of certificate.

Number	Sheet	Issue	Date	Description
400-HT-00011_CS	1 - 3	4	Jan 15	Orbis, Intrinsically Safe Heat Detector
400-OH-00012_CS	1 - 3	4	Jan 15	Orbis, Intrinsically Safe Multisensor Detector
400-OP-00013_CS	1 - 3	4	Jan 15	Orbis, Intrinsically Safe Optical Detector

Current drawings also associated with this certificate.

Number	Sheet	Issue	Date	Description
300-MA-00011_CS	1 of 1	2	Jul 11	Orbis, Intrinsically Safe Timesaver Base
400-BA-00014_CS	1 of 1	2	Oct 11	Base Adaptor

All drawings are common to, and held with, IECEx BAS 06.0002X Issue 3.



Issued 23 February 2015 Page 3 of 3

20 Certificate History

Certificate No.	Date	Comments			
Baseefa06ATEX0007X 30 June 2006		The release of the prime certificate. The associated test and assessment is documented in Test Report No. 05(C)0414			
Bascefa06ATEX0007X/1	31 August 2006	To permit minor changes to various safety components and an alternative PCB layout. Test Report No. 06(C)0684.			
Bascefa06ATEX0007X/2	8 July 2011	To permit minor drawing changes and to confirm that the equipme covered by this certificate has been reviewed against t requirements of EN 60079-0:2006, and EN 60079-11:2007 in response of the differences from EN 60079-0:2004 and EN 50020:2002 at that none of these differences affect this equipment. Project File N 11/0515.			
Baseefa06ATEX0007X/3	30 August 2012	To permit minor drawing changes that do not affect the original assessment. Project File No. 12/0446.			
Baseefa06ATEX0007X Issue 4	23 February 2015	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate, permits a change to the lower ambient temperature (now -50°C) and confirms the current design meets the requirements of EN 60079-0: 2012 & EN 60079-11: 2012. The marking is already in accordance with these standards. Test Report No. GB/BAS/ExTR15.0059/00. Project File No. 14/0988.			



Issued 22 April 2020 Page 1 of 3

1 EU - TYPE EXAMINATION CERTIFICATE

- 2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 3 EU Type Examination Certificate Baseefa06ATEX0007X Issue 5 Number:
- 3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: Orbis IS Series Fire Detectors

5 Manufacturer: Apollo Fire Detectors Limited

6 Address: 36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

- 7 This re-issued certificate extends EC Type Examination Certificate No. Baseefa06ATEX0007X to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.
- SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.
- 8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. See Certificate History

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 EN 60079-11:2012

except in respect of those requirements listed at item 18 of the Schedule.

- 10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- 11 This EU TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- 12 The marking of the product shall include the following:

(a) II 1 G Ex ia IIC T4 (-50°C \leq Ta \leq +60°C) / T5 (-50°C \leq Ta \leq +40°C) Ga

SGS Fimko Oy Customer Reference No. 0073

Project File No. 20/0235

This document is issued by the Company subject to their General Conditions for Certification Services accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of their intervention only and within the limits of Client's instructions, if any. It does not necessarily indicate that the equipment may be used in particular industries or circumstances. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, schedule included, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Fimko Ov

Takomotie 8 FI-00380 Helsinki, Finland Telephone +358 (0)9 696 361 e-mail sgs.fimko@sgs.com

web site www.sgs.fi

Business ID 0978538-5 Member of the SGS Group (SGA SA)

R S SINCLAIR Authorised Signatory for SGS Fimko Oy



Schedule Schedule

14 Certificate Number Baseefa06ATEX0007X – Issue 5

15 Description of Product

The Orbis IS Series Fire Detectors are designed to detect the presence of fire using optical, heat (which may be static or rate of rise type) and multisensor (an optical sensor with a heat sensing element) techniques. Each type of detector shares a common printed circuit board located in a plastic enclosure which is fitted to a mounting base.

Electrical connections to external circuits are made to the terminals located in the mounting base.

A Base Adaptor may be used to install and use an Orbis IS Series Fire Detector in a pre-existing Series 60 installation.

 $U_{i} = 28V$ $C_{i} = 0$ $I_{i} = 93.3\text{mA}$ $L_{i} = 0$ $P_{i} = 0.67\text{W}$

16 Report Number

See Certificate History

17 Specific Conditions of Use

1. To avoid problems with electrostatic charging of the enclosure, the equipment must not be located in a dust-laden airflow or cleaned with a dry cloth or with solvents.

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product:

Clause	Subject	Compliance
1.4.1	External effects	User/Installer responsibility
1.4.2	Aggressive substances, etc.	User/Installer responsibility

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
400-HT-00011_CS	1 - 3	5	Jan 19	Orbis, Intrinsically Safe Heat Detector
400-OH-00012_CS	1 - 3	5	Jan 19	Orbis, Intrinsically Safe Multisensor Detector
400-OP-00013_CS	1 - 3	5	Jan 19	Orbis, Intrinsically Safe Optical Detector

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
300-MA-00011_CS	1 of 1	2	Jul 11	Orbis, Intrinsically Safe Timesaver Base
400-BA-00014_CS	1 of 1	2	Oct 11	Base Adaptor



Issued 22 April 2020 Page 3 of 3

All drawings are common to, and held with, IECEx BAS 06.0002X.

20 Certificate History

Certificate No.	Date	Comments	
Baseefa06ATEX0007X	30 June 2006	The release of the prime certificate. The associated test and assessment is documented in Test Report No. 05(C)0414	
Baseefa06ATEX0007X/1	31 August 2006	To permit minor changes to various safety components and an alternative PCB layout. Test Report No. 06(C)0684.	
Baseefa06ATEX0007X/2	8 July 2011	To permit minor drawing changes and to confirm that the equipment covered by this certificate has been reviewed against the requirements of EN 60079-0:2006, and EN 60079-11:2007 in respect of the differences from EN 60079-0:2004 and EN 50020:2002 and that none of these differences affect this equipment. Project File No. 11/0515.	
Baseefa06ATEX0007X/3	30 August 2012	To permit minor drawing changes that do not affect the original assessment. Project File No. 12/0446.	
Baseefa06ATEX0007X Issue 4	23 February 2015	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate, permits a change to the lower ambient temperature (now -50°C) and confirms the current design meets the requirements of EN 60079-0: 2011 & EN 60079-11: 2012. The marking is already in accordance with these standards. Test Report No. GB/BAS/ExTR15.0059/00. Project File No. 14/0988.	
Baseefa06ATEX0007X Issue 5	22 April 2020	To permit minor marking changes and to confirm that the equipment meets the requirements of EN IEC 60070-0:2018. The marking is already in accordance with this standard. Test Report No. GB/BAS/ExTR20.0054/00. Project File No. 20/0235.	
For drawings applicable to each issue, see original of that issue.			