

SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE

**Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

Supplementary EU - Type Examination Certificate Number: **Baseefa12ATEX0268X/3**

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

Product: **A Type LL-XXX Splitter Box**

Manufacturer: **Wolf Safety Lamp Company Limited.**

Address: **Saxon Road Works, Sheffield, S8 0YA**

This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa12ATEX0268X Issue 2** to apply to products 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 Baseefa, Notified Body number 1180, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that the product, as modified by this supplementary certificate, 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.

SGS Baseefa Customer Reference No. **1112**

Project File No. **17/0441**

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AP McNamee
R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13

Schedule

14

Certificate Number Baseefa12ATEX0268X/3

15

Description of the variation to the Product

Variation 3.1

Add alternative socket types

Variation 3.2

Increase the upper ambient whilst decreasing the maximum current

Variation 3.3

Increase the number of fuses from one to two

16

Report Number

GB/BAS/ExTR17.0338/00

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
LL-700	1	4	29/09/17	Splitter Box – Notes and Component and Label Details
LL-700	2	4	29/09/17	Splitter Box – Glands and Sockets Layout Options
LL-700	3	4	29/09/17	Splitter Box

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 Number: **Baseefa12ATEX0268X – Issue 2**

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: **A Type LL-XXX Splitter Box**

5 Manufacturer: **Wolf Safety Lamp Company Limited.**

6 Address: **Saxon Road Works, Sheffield. S8 0YA**

7 This re-issued certificate extends EU Type Examination Certificate No. **Baseefa12ATEX0286X** 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.

8 SGS Baseefa, Notified Body number 1180, 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.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR16.0174/00.**

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

EN60079-0: 2012 EN60079-1: 2007 EN60079-7: 2007 EN60079-31: 2009

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 :

Ex II 2 G D Ex d e IIC T5 Gb Ta -20°C to +50°C Ex tb IIIC T90°C Db Ta -20°C to +50°C

SGS Baseefa Customer Reference No. **1112**

Project File No. **16/0046**

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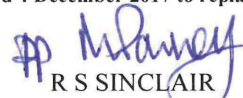
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Re-issued 4 December 2017 to replace original


R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13

Schedule

14

Certificate Number Baseefa12ATEX0268X – Issue 2

15

Description of Product

The splitter box comprises a GRP or aluminium enclosure with up to four sockets, terminals, and an optional fuse as indicated below. The transportable unit is rated 254Vac and up to a total maximum current of 15A and is not intended to be moved while energised. Alternatively the splitter box may be provided with cable glands and cable in place of the sockets.

The component parts may be provided from the certified items indicated below.

Enclosure			
Type	Certificate	Code	Standards
CAe	LCIE09ATEX3036U	Ex II 2 GD Ex e II Ex tD A21 IP66 Ta -40°C to + 55°C	EN60079-0: 2012 EN60079-7: 2007 EN60079-31: 2009
KE 26	PTB01ATEX1061U	Ex II 2 GD Ex e IIC Gb Ex tb IIIC Db IP66 Ta -55°C to + 135°C	EN60079-0: 2012 +A11 EN60079-7: 2007 EN60079-31: 2014
MBP	IBExU12ATEX1180U	Ex II 2 GD Ex e IIC Gb Ex tb IIIC Db IP66 Ta -55°C to + 100°C	EN60079-0: 2012 EN60079-7: 2007 EN60079-31: 2009
AL-KE 25	PTB98ATEX3101U	Ex II 2 GD Ex e IIC Gb Ex tb IIIC Db IP66 Ta -55°C to + 135°C	EN60079-0: 2012 +A11 EN60079-7: 2007 EN60079-31: 2014
34	PTB00ATEX1101U	Ex II 2 GD Ex e IIC Gb Ex tb IIIC Db IP66 Ta -55°C to + 135°C	EN60079-0: 2012 +A11 EN60079-7: 2007 EN60079-31: 2014
iTB iSTB	Sira11ATEX3142U	Ex II 2 GD Ex e IIC Gb Ex tb IIIC Db IP66 Ta -50°C to + 135°C	EN60079-0: 2012 EN60079-7: 2007 EN60079-31: 2014

Flange mounted socket outlet			
Type	Certificate	Code and maximum rating	Standards
PCX/EN	LCIE 02ATEX 0001U	Ex II 2 GD Ex e d IIC T5 Ex tb IIIC IP66 T95°C Ta -40°C to + 55°C 500V 16A	EN60079-0: 2012 EN60079-1: 2007 EN60079-7: 2007 EN60079-31: 2009
GHG 54**	BVS 14ATEX E 131 U	Ex II 2 G Ex d e IIC T5 Ta -25°C to + 65°C 50V 16A	EN60079-0: 2012 EN60079-1: 2007 EN60079-7: 2007
GHG 5118**	BVS 15ATEX E 101 U	Ex II 2 GD Ex db eb IIC Gb Ex tb IIIC Db IP64 Ta -55°C to + 60°C 415V 16A	EN60079-0: 2012+A11 EN60079-1: 2014 EN60079-7: 2015 EN60079-31: 2014

DXN1	LCIE99ATEX6027X	Ex II 2 GD Ex d e IIC T5Gb Ex tb IIIC T90°C Db IP66/67 Ta -40°C to + 60°C 550V 20A	EN60079-0: 2012+A11 EN60079-1: 2007 EN60079-7: 2007 EN60079-31: 2009
8570/..	PTB03ATEX1227	Ex II 2 GD Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db IP66 Ta -50°C to + 55°C 550V 16A	EN60079-0: 2012+A11 EN60079-1: 2014 EN60079-7: 2015 EN60079-31: 2014
Terminals			
Type	Certificate	Code and maximum rating	Standards
WDU 2.5 /WPE	DEMKO14ATEX1338 U	Ex II 2 GD Ex eb IIC Ta -60°C to +110°C 690V 24A	EN60079-0: 2012+A11 EN60079-7: 2007
WK	KEMA 02ATEX2114U	Ex II 2 G Ex eb IIC Ta -40°C to +80°C 275V 22A (not type WK4/U)	EN60079-0: 2012+A11 EN60079-7: 2007

Fuses			
Type	Certificate	Code and maximum rating	Standards
FU40	LCIE 15ATEX3014U	Ex II 2 G Ex db eb IIC Rated up to 690V 40A Service temp -40°C to +80°C	EN60079-0: 2012+A11 EN60079-1: 2007 EN60079-7: 2007

The splitter box is limited to gas atmospheres, IP54 and 50V when provided with sockets to BVS 14ATEX E 131U.

The splitter box has an ingress protection rating of IP64 when provided with sockets to BVS 15ATEX E 101 U

When the splitter box is provided with cable glands and type SY steel braided cable the minimum operating temperature is -15°C.

16 Report Number

GB/BAS/ExTR16.0174/00

17 Specific Conditions of Use

The following specific conditions of use are applicable only when the splitter box is supplied with cable glands instead of plugs and sockets.

- 1 Unused terminals are to be tightened
- 2 Only one conductor per terminal
- 3 The uninsulated part of the conductor must not extend beyond the terminal throat

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, and conformity is demonstrated in the report:

Clause	ATEX Essential Health and Safety requirements not fully covered by standards	Result – Remark
1.2.7	LVD type requirements	Standards require manufacturer's declaration, supplied.
1.2.8	Overloading of equipment (protection relays, etc.)	Covered by installation rules and manufacturer's instructions
1.4.1	External effects	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions
1.4.2	Aggressive substances, etc.	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
LL-700	1	3	27.10.16	Component list and label details
LL-700	2	3	27.10.16	General assembly
LL-700	3	3	27.10.16	Skid details

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
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None.

20 Certificate History

Certificate No.	Date	Comments
Baseefa12ATEX0268	15 February 2013	The release of the prime certificate. The associated test and assessment against the requirements of EN60079-0: 2009 EN60079-1: 2007 EN60079-7: 2007 EN60079-31: 2009 is documented in Test Report No. 12(C)0834.
Baseefa12ATEX0268/1	15 April 2013	To permit the use of alternative enclosures to PTB01ATEX1061U and LCIE 02ATEX6248X.
Baseefa12ATEX0268 Issue 2	2 November 2016	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate and confirms the current design meets the requirements of EN60079-0: 2012 EN60079-1: 2007 EN60079-7: 2007 EN60079-31: 2009 including the revision of the equipment marking in accordance with these standards. Deletion of enclosure to LCIE 02ATEX6248X.
For drawings applicable to each issue, see original of that issue.		

SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

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

- 3 Supplementary EC - Type Examination Certificate Number: **Baseefa12ATEX0268/1**
- 4 Equipment or Protective System: **A Type LL-XXX Splitter Box**
- 5 Manufacturer: **Wolf Safety Lamp Company Limited.**
- 6 Address: **Saxon Road Works, Sheffield, S8 0YA**
- 7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa12ATEX0268** 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.

Baseefa Customer Reference No. **1112**

Project File No. **13/0298**

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GENERAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa12ATEX0268/1**

15 **Description of the variation to the Equipment or Protective System**

Variation 1.1

To permit the use of an alternative enclosures to PTB 01ATEX1061U and LCIE 02ATEX6248X.

16 **Report Number**

Baseefa certification report number 13(C)0298

17 **Specific Conditions of Use**

None

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
LL-700	1	2	09.04.13	General Assembly



EC - TYPE EXAMINATION CERTIFICATE

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

- 1
- 2
- 3 EC - Type Examination Certificate Number: **Baseefa12ATEX0268**
- 4 Equipment or Protective System: **A Type LL-XXX Splitter Box**
- 5 Manufacturer: **Wolf Safety Lamp Company Limited.**
- 6 Address: **Saxon Road Works, Sheffield, S8 0YA**
- 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. **12(C)0834**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- EN60079-0: 2009 EN60079-1: 2007 EN60079-7: 2007 EN 60079-31: 2009**
- 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 :

Ex II 2GD Ex d e IIC T5 Gb Ta -20°C to + 50°C Ex tb IIIC T90°C Db IP66

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

Baseefa Customer Reference No. **1112**

Project File No. **12/0834**

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.

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


R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa12ATEX0268

15 Description of Equipment or Protective System

The Type LL-XXX Splitter Box comprises a GRP or aluminium enclosure with sockets and terminals.

The transportable unit is rated 12Vac, 24Vac, 42Vac, 110Vac or 230Vac and up 15A per socket, is not intended to be moved while energised.

A cable entry hole is provided as specified on the certified drawing for the accommodation of a suitable cable entry device.

The cable entry device, shall be suitable for the equipment, the cable and the conditions of use and shall be certified as Equipment (not a Component) under an EC Type Examination Certificate to Directive 94/9/EC.

When used in an explosive dust atmosphere the cable entry device shall maintain the ingress protection of the enclosure.

16 Report Number

Baseefa certification report number 12(C)0834

17 Specific Conditions of Use

None.

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
LL-700	1	1	04.02.13	General Assembly