



EC - TYPE EXAMINATION CERTIFICATE

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

- 3 EC - Type Examination Certificate Number: **Baseefa10ATEX0050X**
- 4 Equipment or Protective System: **Type TX3704 Connector**
- 5 Manufacturer: **Trolex Limited**
- 6 Address: **10a Newby Road, Hazel Grove, Stockport, Cheshire, SK7 5DY**
- 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. **GB/BAS/ExTR10.0028/00**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0: 2009
EN 60079-1: 2007
- 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 :

⊕ I M2 Exd I (-20°C ≤ t_{amb} ≤ +55°C) Mb and/or ⊕ II 2G Exd IIB T6 (-20°C ≤ t_{amb} ≤ +55°C) Gb

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

Baseefa Customer Reference No. **1159**

Project File No. **09/0758**

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

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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



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Schedule

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Certificate Number Baseefa10ATEX0050X

15 Description of Equipment or Protective System

Type TX3704 Connector, formed by the assembly of the Type TX3704 Plug and the Type TX3704 Socket, both as certificate Baseefa10ATEX00049U.

The Type TX3704 Connector is rated at up to 240V a.c. or 300V d.c., 25A per pin with a maximum through current of 100A. The assembly is held together using grade A2-70 min. socket cap head screws.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR10.0028/00

17 Special Conditions for Safe Use

1. The maximum flamepath gaps shall not exceed 0.2 mm, as on the drawings below.

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	Issue	Date	Description
P3704-20*	A	12/07/10	TX3704 Connectors – General Arrangement.
P3704-20-01*	A	18/05/10	TX3704 Component Details
P3704.21*	A	19/08/10	TX3704 Label Details
P3704-20-02*	A	12/07/10	TX3704 Plug & Socket Blanks

* Drawings are common to IECEx BAS 10.0016U, IECEx BAS 10.0017X, Baseefa10ATEX00049U, and Baseefa10ATEX0050X and are held with IECEx BAS 10.0016U.

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 Examination Certificate Number: **Baseefa10ATEX0050X/1**

4 Equipment or Protective System: **Type TX3704 Connector**

5 Manufacturer: **Trolex Limited**

6 Address: **10a Newby Road, Hazel Grove. Stockport, Cheshire, SK7 5DY**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa10ATEX0050X** 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: 2012 + A11: 2013 EN 60079-1: 2014

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:

⊕ I M2 Ex db I Mb (T_{amb}= -20°C to +55°C) and/or ⊕ II 2G Ex db IIB T6 Gb (T_{amb}= -20°C to +55°C)

This certificate shall be held with the original certificate.

Baseefa Customer Reference No. **1159**

Project File No. **14/0857**

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.asp>. 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.

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R S SINCLAIR

GENERAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

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Certificate Number Baseefa10ATEX0050X/1

15 Description of the variation to the Equipment or Protective System

Variation 1.1

To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN 60079-0: 2012 + A11: 2013 and EN 60079-1: 2014 in respect of the differences from the standards to which this certificate was issued.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR15.0015/00 held with IECEx BAS 10.0016U.

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
P3704-20	1 of 1	C	02/02/15	General Arrangement
P3704.21	1 of 1	B	07/01/15	Label Details (IECEx and ATEX)
P3704-20-01	1 of 1	B	02/02/15	Component Details
P3704-20-02	1 of 1	B	02/02/15	Component Details Plug & Socket Blanks

These drawings are common to Baseefa10ATEX0049U, Baseefa10ATEX0050X, IECEx BAS 10.0017X and IECEx BAS 10.0016U and are held with the latter.