



1 **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: **Baseefa06ATEX0307X**

4 Equipment or Protective System: **Type TX3700 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 (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. **06(CD)0553**

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

EN 60079-0: 2004
EN 60079-1: 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 :

⊕ I M2 Ex d I (-20°C ≤ T_{amb} ≤ +55°C) and/or **⊕ II 2G Ex d IIB T6 (-20°C ≤ T_{amb} ≤ +55°C)**

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


Baseefa Customer Reference No. **1159**

Project File No. **06/0553**

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

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Baseefa is a trading name of Baseefa (2001) Ltd
Registered in England No. 4305578 at the above address


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



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Schedule

14

Certificate Number Baseefa06ATEX0307X

15 Description of Equipment or Protective System

Type TX3700 Connector, rated at up to 240V a.c. or 300V d.c., 25A per pin with a maximum through current of 100A.

The connector comprises a Type TX3700.PS Cable Mounted Plug as Certificate Baseefa06ATEX0305U and a Type TX3700.SS Cable Mounted Socket as Certificate Baseefa06ATEX0305U held together with two socket head cap screws.

Variation 0.1

When a connector is assembled using the socket covered by Baseefa06ATEX0305U, Variation 0.3, the unit formed is designated as the

Type TX3700.ES Connector

and is marked $\text{\textcircled{Ex}}$ I M2 Ex de I and/or $\text{\textcircled{Ex}}$ II 2G Ex de IIB T6

16 Report Number

06(C)0553

17 Special Conditions for Safe Use

1. The maximum flamepath gaps shall not exceed 0.15 mm and 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

TX3700 Drawings

Number	Sheet	Issue	Date	Description
P3700.615	Sheet 1 of 3	Iss C	30.10.06	General Arrangement
P3700.615	Sheet 2 of 3	Iss C	23.10.06	General Arrangement
P3700.615	Sheet 3 of 3	Iss B	30.10.06	General Arrangement
P3700.616	Sheet 1 of 8	Iss A	09.07.02	Plug Flange
P3700.616	Sheet 2 of 8	Iss A	09.07.02	Socket
P3700.616	Sheet 3 of 8	Iss A	09.07.02	Cover Shell
P3700.616	Sheet 4 of 8	Iss A	09.07.02	Locking Ring - Plug
P3700.616	Sheet 5 of 8	Iss A	09.07.02	Locking Ring - Socket
P3700.616	Sheet 6 of 8	Iss A	09.07.02	Locking Ring - Socket (Exde)
P3700.616	Sheet 7 of 8	Iss A	09.07.02	Plug Blank
P3700.616	Sheet 8 of 8	Iss A	09.07.02	Socket Blank
P3700.617	Sheet 1 of 1	Iss A	20.05.02	Pins & Tubes
P3700.618	Sheet 1 of 6	Iss B	08.09.02	Insert Body 4 Way
P3700.618	Sheet 2 of 6	Iss B	08.09.02	Insert End 4 Way



Number	Sheet	Issue	Date	Description
P3700.618	Sheet 3 of 6	Iss B	08.09.02	Insert Body 10 Way
P3700.618	Sheet 4 of 6	Iss B	08.09.02	Insert End 10 Way
P3700.618	Sheet 5 of 6	Iss B	08.09.02	Insert Body 14 Way
P3700.618	Sheet 6 of 6	Iss B	08.09.02	Insert End 14 Way
P3700.730	Sheet 1 of 1	Iss A	27.11.06	Label Details

(above drawings held with certificate Baseefa06ATEX0305U)



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: **Baseefa06ATEX0307X/1**

4 Equipment or Protective System: **Type TX3700 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. Baseefa06ATEX0307X 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.

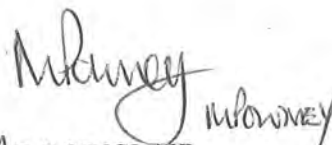
Baseefa Customer Reference No. **1159**

Project File No. **09/0235**

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


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DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa06ATEX0307X/1

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

Variation 1.1

Additional wording on the warning labels.

Variation 1.2

Creation of the Type TX3704 Connector, formed by the assembly of the Type TX3704 Plug and the Type TX3704 Socket, both as certificate Baseefa06ATEX0305U/1. 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.

Variation 1.3

To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN60079-0: 2006 and EN60079-1: 2007 in respect of the differences from the Standards to which this certificate was issued; none of these differences affect this equipment.

16 **Report Number**

Baseefa Certification Report 09(C)0235

17 **Special Conditions for Safe Use**

No additional Special Conditions for Safe Use

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
P3700.730*	-	B	14.07.09	Label Details TX3700 Connectors
P3704.17*	-	A	13.07.09	Label Details TX3704 Connectors
P3704-01*	-	F	18/08/09	General Arrangement TX3704 Connectors

* These drawings are common to, and are held with, Baseefa06ATEX0305U/1



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: **Baseefa06ATEX0307X/2**

4 Equipment or Protective System: **Type TX3700 Connector**

5 Manufacturer: **Troxel Limited**

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

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa06ATEX0307X 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 60079-1: 2007

EN 60079-7: 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:

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

or

Ex I M2 Ex d e I (-20°C ≤ T_{amb} ≤ + 55°C) Mb and/or Ex II 2G Ex d e IIB T6 (-20°C ≤ T_{amb} ≤ + 55°C) Gb
(with socket encapsulation)

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. **1159**

Project File No. **12/0093**

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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R S SINCLAIR *R S Sinclair*
DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa06ATEX0307X/2

15 Description of the variation to the Equipment or Protective System

Variation 2.1

To clarify that the Type TX3700 Connector may also incorporate a Type TX3700.S Box Mounted Socket as Variation 0.2 of Baseefa06ATEX0305U.

Variation 2.2

Minor drawing amendments to include amended codings, reflecting the amended certification standards as below.

Variation 2.3

To confirm that the equipment covered by this certificate as amended by the above changes has been reviewed against the requirements of EN 60079-0: 2009, EN 60079-1: 2007 and EN 60079-7: 2007 in respect of the differences from the standards to which this certificate was issued; none of these differences affect this equipment.

These variations do not cover the Type TX3704 (Baseefa06ATEX0307X/1) which is considered to be removed from this certificate.

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
P3700.730*	-	C	12.04.12	Label Details TX3700 Connectors
P3700.615**	1-3	D	20.02.12	General Arrangement

* This drawing is common to Baseefa06ATEX0305U/2 and Baseefa06ATEX0307X/2 and is held with the former.

** These drawings are common to IECEx BAS 12.0034U, IECEx BAS 12.0035X, Baseefa06ATEX305U and Baseefa06ATEX307X and are held with IECEx BAS 12.0034U.