



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: **Baseefa03ATEX0003X**

4 Equipment or Protective System: **TYPE 723 BATTERY / TERMINAL BOX**

5 Manufacturer: **CHALMIT LIGHTING**

6 Address: **388 Hillington Road, Glasgow, G52 4BL**

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. 02(C)0472

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

EN50014:1997 + amd. 1 & 2, EN50019:2000, EN50028:1987 + amd. 1 and EN50281-1-1:1998 + amd 1

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 :

⊕ II 2GD T65°C EEx em II T4

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

Baseefa (2001) Ltd. Customer Reference No. 0068

Project File No. 02/0472

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 (2001) Ltd.

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



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Schedule

14

Certificate Number Baseefa03ATEX0003X

15 Description of Equipment or Protective System

Type 723 Battery / Terminal Boxes consist of a fabricated stainless steel enclosure 450mm by 240mm by 139mm containing four, five cell battery packs, four encapsulated 3A fuses and a number of ATEX approved Weidmuller terminal blocks (BK4, MKL3/6, MK3/6, BK6, BK3, and MK6).

The lid is held in place by two U-section bars secured to the body with four nuts tightened onto threaded bar attached to the body. Adequate sealing is ensured by a silicone sponge gasket adhered to the body to provide ingress protection equivalent to IP66.

Internal and external earthing facilities are provided.

The apparatus is for use at 220 to 254V ac and 24V dc. The maximum battery charging current is 420mA and the maximum discharge current, limited by the encapsulated fuses, is 3A.

Provision is made for the fitting of cable entry devices, or blanking plugs, which must comply with EN50014 and EN50019 and also maintain the ingress protection rating of the enclosure

16 Report Number

02(C)0472

17 Special Conditions for Safe Use

1. The Type 723 Battery / Terminal Box must only be supplied by the battery charging circuit shown on drawing D2133 sheet 3. The charging circuit does not form part of this certification and must be housed in a separate enclosure located in a non-hazardous area.

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
D2133	1	0	18/11/02	General arrangement
D2133	2	0	18/11/02	Internal components
D2133	3	0	18/11/02	Charging circuit



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: **Baseefa03ATEX0003X/1**

4 Equipment or Protective System: **Type 723 Battery / Terminal Box**

5 Manufacturer: **Chalmit Lighting**

6 Address: **388 Hillington Road, Glasgow, G52 4BL**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa02ATEX0117X** 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. **0068**

Project File No. **07/0425**

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.

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Schedule

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Certificate Number Baseefa03ATEX0003X/1

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

Variation 1.1

To recognise that the battery packs, without additional encapsulant, comply with the requirements of Clause 5.7.2 of EN 60079-7: 2007 and therefore may be used in the arrangement as detailed in the scheduled drawing.

16 **Report Number**

N/A

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
D2133	1	1	23/05/07	General arrangement
D2133	2	1	23/05/07	Internal components