



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: **Baseefa03ATEX0612**

4 Equipment or Protective System: **A Type C4000 Control Unit**

5 Manufacturer: **Compac Industries Limited**

6 Address: **PO Box 12-417, 52 Wallis Road  
Penrose, Auckland NZ**

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. **03(C)0227**

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

**EN 50014: 1997 + Amendments 1 & 2** **EN 50018: 2000 + Amendment 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 2 G EEx d IIA T3 (T<sub>amb</sub> = - 25°C to + 55°C)**

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

Baseefa (2001) Ltd. Customer Reference No. **5033**

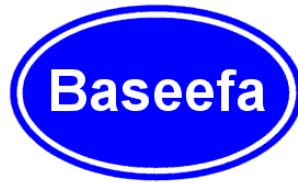
Project File No. **03/0227**

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.



13

## Schedule

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**Certificate Number Baseefa03ATEX0612**

### 15 Description of Equipment or Protective System

A **Type C4000 Control Unit** rated up to 240V, 10A, comprises a rectangular housing with a flat flanged cover, both manufactured from aluminium alloy. The cover is attached using 16 M10 screws. The housing has a recess for the attachment of an assembly of PCBs, one of which is an intrinsically safe C4000 PSU manufactured by Compac Industries to Baseefa03ATEX0684X.

Bosses in the side wall for up to 10 cable entries as specified on the certified drawings for the accommodation of flameproof cable entry devices, with or without the interposition of a flameproof thread adapter. Unused entries are to be fitted with the stopping plugs provided within this certification or suitable certified flameproof stopping plugs.

The cable entry devices, thread adapters and stopping plugs 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.

### 16 Report Number

Baseefa Certification Report 03(C)0227

### 17 Special Conditions for Safe 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
SW049	9	E	07.11.03	General Assembly
SW049	1	F	11.08.03	Housing
SW049	2	F	11.08.03	Housing
SW049	3	F	07.11.03	Housing
SW049	4	D	11.08.03	Cover
SW049	5	F	07.11.03	Label details
SW050	8	E	03.11.03	Blanking Plug