



## EC-TYPE EXAMINATION CERTIFICATE

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

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EC-Type Examination Certificate Number : **BAS01ATEX1403**  
Equipment or Protective System: **AUTOSET LEVEL CONTROL TYPE ATS6V0A**  
This certificate is held by: **BRAIME ELEVATOR COMPONENTS LTD**  
Address: **Leeds, LS10 1JZ**

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This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

The Electrical Equipment Certification Service, notified body number 600 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 N°

**01(C)1078 dated 7 January 2002**

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

**EN 50281-1-1: 1998**

except in respect of those requirements listed at item 18 of the Schedule.

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
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.

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This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

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The marking of the equipment or protective system shall include the following:-

 **II 1 D T100°C**      **-20°C ≤ T<sub>amb</sub> ≤ 50°C**


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

File No: EECS 4341/03/003

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.



Electrical Equipment Certification Service  
Health and Safety Executive  
Harpur Hill, Buxton, Derbyshire, SK17 9JN, United Kingdom  
Tel: +44(0)1298 28000 Fax: +44(0)1298 28244  
internet: [www.baseefa.com](http://www.baseefa.com) e-mail: [baseefa.info.eecs@hsl.gov.uk](mailto:baseefa.info.eecs@hsl.gov.uk)

  
I M CLEARE  
DIRECTOR  
9 January 2002





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**Schedule**

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**Description of Equipment or Protective System**

The **Autoset Level Control Type ATS6V0A** consists of a nylon, two part, injection moulded, IP6x enclosure 132 mm x 157 mm x 100 mm deep (total) with two nitrile rubber gaskets fitted under the lid, an externally mounted sensor and an electronic circuit with field wiring terminals fitted within the enclosure. A supply voltage of 24V d.c., 110V a.c. or 240V a.c. may be used.

The lid is secured to the body of the enclosure by means of four M5 slotted hexagonal headed steel screws which have nitrile "O" ring retainers fitted.

The external surface of the enclosure is coated with a nickel loaded paint to protect against UV exposure and prevent static charging of the enclosure.

A single M20 gland entry hole is provided in the side of the enclosure. Only approved cable glands with an ingress protection (IP) rating of at least IP6x are suitable for use with this apparatus.

An external M5 earth is also provided on the side of the enclosure. A wire from this is connected to the internal earth terminal.

The sensing probe exits from the base of the enclosure and in use is fitted into the storage container. This probe may be immersed under normal operation and vary in length to suit customer requirements.

The whole assembly is secured via a threaded section of the enclosure, at the probe exit.

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**Report No.**

01(C)1078

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**Special Conditions For Safe Use**

None.

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**Essential Health and Safety Requirements**

None that are not covered by assessment against harmonised standard EN 50281-1-1: 1998.





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**Schedule**

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**DRAWINGS**

<b>Number</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>
A4-14912A	-	13/12/01	Label diagram
BAS01ATEX1400		3/1/02	DML4A certificate

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BASEEFA List Keywords  
2LEVEDET