



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx SIR 08.0105X issue No.:2

Status: **Current**

Date of Issue: 2011-02-22

Page 1 of 4

Certificate history:

Issue No. 2 (2011-2-22)

Issue No. 1 (2009-8-24)

Issue No. 0 (2008-11-25)

Applicant: **KAC Alarm Company Limited**
KAC House
Thornhill Road
North Moons Moat
Redditch B98 9ND
United Kingdom

Electrical Apparatus: **Waterproof Manual Break Glass Fire Alarm Call Point Models WCP****
Optional accessory:

Type of Protection: **Intrinsic Safety and Dust**

Marking: **Ex ia IIC T4 Ga (-20°C < Ta < 70°C)**
Ii = 500mA, Ui = 30V, Pi = 1W
Ex iaD T135°C Da
(-20°C < Ta < 40°C) when Pi = 0.75W
(-20°C < Ta < 70°C) when Pi = 0.65W

Approved for issue on behalf of the IECEx
Certification Body:

D R Stubbings BA MIET

Position:

Certification Manager

Signature:
(for printed version)

Date:

2011-02-22

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION



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Page 2 of 4

Manufacturer: **KAC Alarm Company Limited**
KAC House
Thornhill Road
North Moons Moat
Redditch B98 9ND
United Kingdom

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-11 : 2006 Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26 : 2006 Edition: 2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-11 : 2005 Edition: 1	Electrical apparatus for use in the presence of combustible dusts - Part 11: Protection by intrinsic safety 'ID'

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

GB/SIR/ExTR08.0146/00
GB/SIR/ExTR09.0135/00
GB/SIR/ExTR11.0041/00

Quality Assessment Report:

GB/SIR/QAR08.0020/00



IECEx Certificate of Conformity

Certificate No.: IECEx SIR 08.0105X

Date of Issue: 2011-02-22

Issue No.: 2

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Waterproof Manual Break Glass Fire Alarm Call Point Models WCP** is an electrical switch which is operated manually by breaking a glass cover or pressing an optional re-settable frangible element. This releases a plunger, which activates a micro-switch. Options allow the fitting of single or double pole; single or double throw contacts, various resistors and diode combinations together with LED indication all mounted on a printed circuit board, all housed in a plastic enclosure. Terminations are made via a four-way terminal. The call point enclosure can be in different colours. A separate test key permits testing and re-setting of the call point.

The following models are included:

- WCP1A – Normally open contact with series monitoring resistor
- WCP1B – Normally open contact with series monitoring resistor (Savwire model)
- WCP2A – Normally open contact with series monitoring resistor and LED network
- WCP2B – Normally open contact with series monitoring resistor and LED network (Savwire model)
- WCP3A – Normally open or normally closed single pole with single throw contacts
- WCP4A – Normally open or normally closed double pole with single throw contacts
- WCP7A – Selectable resistor/diode network, normally open single pole with single throw contacts
- WCP7B – Selectable resistor/LED network, normally open single pole with single throw contacts

CONDITIONS OF CERTIFICATION: YES as shown below:

- 1 The equipment enclosure is made of plastic. By virtue of its shape, design and position of use, it is assessed that the Equipment is not considered to be an electrostatic risk; however, the Equipment must not be installed in a position where it may be subjected to an excessive air/fluid flow or be subjected to rubbing that may cause an electrostatic build-up



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Certificate No.: IECEx SIR 08.0105X

Date of Issue: 2011-02-22

Issue No.: 2

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1 – this Issue introduced the following changes:	
1	The option to fit an earth strap at the rear of the enclosure was endorsed.
Issue 2 – this Issue introduced the following changes:	
1	The introduction of a distributors label in the name of Apollo was recognized.