1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 04ATEX2350X** Issue: **6**

4 Equipment: **Manual Break Glass Fire Alarm Call Points Models MCP****

5 Applicant: **KAC Alarm Company Limited**

6 Address: Thornhill Road
North Moons Moat
Redditch
Worcester B98 9ND
UK

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

8 CSA Group Netherlands B.V., notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012/A11:2013 EN 60079-11:2012

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:

II 1G
Ex ia IIC T4 Ga Ta = -10°C to +55°C

Project Number 0530

Signed:

Title: Director of Operations

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem,
Netherlands

SCHEDULE

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13 **DESCRIPTION OF EQUIPMENT**

The Models MCP** are manual, break glass fire alarm call points that are operated by breaking a glass cover or pressing an optional, resettable, frangible element thereby releasing a plunger, which then activates an electrical contact. A printed circuit board, contained within the plastic enclosure of the call point, may be fitted with different combinations of components to form the following models:

MCP1A – Normally open contact with series monitoring resistor
MCP1B – Normally open contact with series monitoring resistor (Savwire model)
MCP2A – Normally open contact with series monitoring resistor and LED network
MCP2B – Normally open contact with series monitoring resistor and LED network (Savwire model)
MCP3A – Normally open or normally closed single pole with single throw contacts
MCP4 – Normally open or normally closed double pole with single throw contacts
MCP7A – Selectable resistor/diode network, normally open single pole with single throw contacts
MCP7B – Selectable resistor/LED network, normally open single pole with single throw contacts

The enclosure, which can be supplied in different colours, also houses a four way terminal that provides termination facilities for the call points. A separate, test key permits the call points to be checked.

The Models MCP** Manual Break Glass Fire Alarm Call Points can be considered to be 'Simple Apparatus'; the following input parameters are applicable:

U_i = 30 V
I_i = 500 mA
P_i = 1 W
C_i = 0
L_i = 0

Variation 1 - This variation introduced the following change:

i. The change of the Applicant's address from 15 - 19 Trescott Road, Redditch, Worcester, B98 7AH to - Thornhill Road, New Moons Moat, Redditch, B98 9ND.

Variation 2 - This variation introduced the following change:

i. The introduction of a distributors label in the name of Apollo was recognised.

Variation 3 - This variation introduced the following changes:

i. A reduction in the ambient temperature range from -30°C to +70°C to -10ºC to +55ºC was approved. The Special Condition for Safe Use, 15.2, was amended to recognise this change.
ii. Following appropriate assessment to demonstrate compliance with the requirements of the EN 60079 series of standards, the documents previously listed in section 9, EN 50014:1997 (amendments A1 to A2), EN 50020:2002 and EN 50284:1999, were replaced by EN 60079-0:2012, EN 60079-11:2012 and IEC 60079-26:2014 Ed 3, the markings in section 12 were updated.

Variation 4 - This variation introduced the following changes:

i. The introduction of alternative Notified Body reference numbers relating to the quality assurance.
ii. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 60079-0:2012 was replaced by EN 60079-0:2012/A11:2013.
iii. Removal of IEC 60079-26:2014 from the list of certification standards.
iv. Removal of reference to EN 50020 from product the description.

14 **DESCRIPTIVE DOCUMENTS**

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14.1 **Drawings**

Refer to Certificate Annexe.

14.2 **Associated Sira Reports and Certificate History**

Issue	Date	Report number	Comment
0	10 January 2005	R52A12288A	The release of the prime certificate.
1	19 February 2008	N.A.	This Issue covers the following changes: • All previously issued certification was rationalised into a single certificate, Issue 1, Issue 0 referenced above is only intended to reflect the history of the previous certification and has not been issued as documents in this format. The input parameters were included in the product description, as these values are stated in report R52A12288A, this is adequate justification for their lusion.
2	9 December 2008	R51A19285A	The introduction of Variation 1.
3	15 February 2011	R24245A/00	The introduction of Variation 2.
4	13 January 2015	R70009999A	The introduction of Variation 3.
5	04 April 2018	R70170601A	This Issue covers the following changes: • EC Type-Examination Certificate in accordance with 94/9/EC updated to EU Type-Examination Certificate in accordance with Directive 2014/34/EU. *(In accordance with Article 41 of Directive 2014/34/EU, EC Type-Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC Type-Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)* • The introduction of Variation 4.
6	15th October 2019	0530	• Transfer of certificate Sira 04ATEX2350X from Sira Certification Service to CSA Group Netherlands B.V..

15 **SPECIFIC CONDITIONS OF USE** (denoted by X after the certificate number)

15.1 The enclosure is non-conducting and may generate an ignition-capable level of electrosatic charges under certain extreme conditions. The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high-pressure steam) which might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment should be done only with a damp cloth.

15.2 The equipment may be used in an ambient temperature range of -10°C to +55°C.

16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II** (EHSRs)

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The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

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Certificate Annexe

Certificate Number: **Sira 04ATEX2350X**

Equipment: **Manual Break Glass Fire Alarm Call Points Models MCP****

Applicant: **KAC Alarm Company Limited**

Issue 0 and 1

Drawing No.	Sheet	Rev.	Date	Description
04/2320	1 of 1	2	30 Sep 04	MCP IS General Assembly
04/2321	1 of 1	3	24 Nov 04	Certification Label details
04/2351	1 of 1	2	21 Oct 04	Electrical Configuration details

Issue 2

Drawing No.	Sheets	Rev.	Date (Sira stamp)	Description
04/2321	1 of 1	4	09 Dec 08	MCP I.S. Printing & Labelling Details

Issue 3

Drawing No.	Sheets	Issue	Date (Sira stamp)	Title
10/2820	1 of 1	1	27 Jan 11	MCP I.S. label for Apollo

Issue 4

Drawing No.	Sheets	Rev.	Date (Sira stamp)	Title
04/2320	1 of 1	3	10-Dec-14	MCP IS General Assembly
04/2321	1 of 1	5	10-Dec-14	MCP I.S. Printing & Labelling Details
10/2821	1 of 1	2	11-Dec-14	I.S. labelling details for Apollo

Issue 5

Drawing	Sheets	Rev.	Date(Sira stamp)	Title
04/2321	1 of 1	7	07 Mar 18	MCP I.S. Printing & Labelling Details
10/2821	1 of 1	3	22 Mar 18	I.S. labelling details for Apollo

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem,
Netherlands