



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 04ATEX2350X
Issue 4

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 (Sawwire model)
- MCP2A – Normally open contact with series monitoring resistor and LED network
- MCP2B – Normally open contact with series monitoring resistor and LED network (Sawwire 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 comply with the requirements of Clause 5.4 of EN 50020: 2002 and 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 -10°C to +55°C 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.



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14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report no.	Comment
0	10 January 2005	R52A12288A	The release of the prime certificate.
1	19 February 2008	N.A.	This Issue covers the following changes: <ul style="list-style-type: none">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 inclusion.
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.

15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)

15.1 The enclosure is non-conducting and may generate an ignition-capable level of electrostatic 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)

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.

17 CONDITIONS OF CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

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

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