

MARQUE NF – SYSTEME DE SECURITE INCENDIE
**CERTIFICAT
COMPOSANT NF-SSI**



<i>Nature et date de la décision</i>
Reconduction du 01/04/2007
N° d'identification : L 035 B1

DATE DE FIN DE VALIDITE
31/12/2009

La Société :
APOLLO FIRE DETECTORS LIMITED
36, Brookside Road
Havant
PO9 1JR HAMPSHIRE
ENGLAND

Pour son usine de :
HAMPSHIRE - ENGLAND

Correspondant CNMIS SAS
José CAMPO : Tél. : 01.53.89.00.48

est autorisée à apposer la marque NF sur le produit suivant, destiné à être installé dans le(les) SSI certifié(s) NF dont les références commerciales sont listées sur le site Internet www.cnmis.org, selon les conditions définies dans le référentiel de certification NF-SSI :

Désignation normalisée : **Détecteur de fumée – Détecteur ponctuel fonctionnant suivant le principe de la diffusion de la lumière, de la transmission de la lumière ou de l'ionisation.**
Référence commerciale : **XP 95 55000-620**
Marque commerciale : **APOLLO**
Type de produit : **Optique**

Ce certificat, réédité le 11 avril 2008, annule et remplace le certificat antérieur portant le même numéro.

Ce certificat atteste :

- que le produit désigné est certifié conforme aux normes et spécifications complémentaires telles que spécifiées dans le référentiel de certification NF-SSI ;
- que le produit est associable à un Système de Sécurité Incendie certifié NF au sens du référentiel NF-SSI ;
- que le système qualité de la société a été évalué conformément au référentiel de certification NF-SSI.

Il n'engage en aucun cas ni AFAQ AFNOR Certification ni le CNMIS SAS quant à la conformité réglementaire de l'installation dans laquelle le produit objet de ce certificat sera utilisé.

Caractéristiques certifiées :

- | | |
|--|--|
| - Mode de fonctionnement : | Adressable |
| - Indicateur d'action externe : | Oui |
| - Sensibilité réglable : | Non |
| - Type de liaison au système : | Filaire |
| - Isolateur de court-circuit intégré : | Oui en option (dans socle de référence : 45681-321) |
| - Divers : | Néant |

La conformité à l'annexe ZA de la norme NF EN 54-7 est attestée par le marquage CE apposé sur le produit conformément à la Directive Produits de Construction (89/106/CEE).

Ce certificat NF est valable jusqu'au 31/12/2009 sous réserve des résultats des contrôles effectués par AFAQ AFNOR Certification et le CNMIS SAS qui peuvent prendre toute sanction conformément aux règles générales de la marque NF et au référentiel de certification NF-SSI.

Ce certificat est constitué de 1 page(s).

Pour AFAQ AFNOR Certification,
le Directeur Général Délégué


Jacques BESLIN

Pour le CNMIS SAS,
le Président


LA SECURITE CERTIFIEE
Lucien COLETTA



BOSEC

CERTIFICATE

N° TCC 2 – K 030/g

We certify that the fire detection component:

OPTICAL SMOKE DETECTOR Apollo 55000-620 XP95
Variant : (GE) Aritech DP951
BASE Apollo 45681-210

manufactured at Havant (U.K.)

manufactured at Havant (U.K.)

comply with the following specifications :

EN 54-7:2000/A1:2002

on the base of the EC(CPD) Certificate of conformity :

0832-CPD-0164-17/11/2006

This certificate is only valid if the detectors are provided with the mark
BOSEC.

The company

**APOLLO FIRE DETECTORS Ltd.,
36, Brookside Road
PO9 1JR HAVANT, HAMPSHIRE
UNITED KINGDOM**

is authorised to use the mark **BOSEC** *on the above mentioned detectors.*

This certificate is granted subject to the **ANPI** *terms and conditions and is valid until*

28th of May 2012

signed on behalf of **ANPI**
Brussels, the **29th of May 2009**

The General Secretary
M. Vandendoren

asbl **ANPI** vzw - Parc scientifique Fleming - Granbonpré 1 B-1348 Louvain-La-Neuve
Tél: +32.10.47.52.11 Fax: +32.10.47.52.70 Email: info@anpi.be Internet: www.anpi.be

This certificate may only be copied completely and without any adding.



BOSEC

CERTIFICAT

N° TCC 2 – K 030/g

Nous certifions que le composant de détection incendie :

DETECTEUR DE FUMÉE OPTIQUE Apollo 55000-620 XP95

Variante: (GE) Aritech DP951

SOCLE Apollo 45681-210

fabriqué à Havant (U.K.)

fabriqué à Havant (U.K.)

répond aux prescriptions suivantes :

EN 54-7:2000/A1:2002

sur base du certificat de conformité CE(CPD) :

0832-CPD-0164-17/11/2006

*Le certificat n'est valable que si les détecteurs sont pourvus du label **BOSEC**.*

La firme

**APOLLO FIRE DETECTORS Ltd.,
36, Brookside Road
PO9 1JR HAVANT, HAMPSHIRE
UNITED KINGDOM**

*est habilitée à apposer la marque **BOSEC** sur les détecteurs ci-dessus.*

*Ce certificat est délivré aux conditions définies par le
ANPI et est valable jusqu'au*

28 mai 2012

*signé au nom de **ANPI**
Bruxelles, le 29 mai-2009*

*Le Secrétaire Général
M. Vandendoren*

asbl **ANPI** vzw - Parc scientifique Fleming - Granbonpré 1 B-1348 Louvain-La-Neuve

Tél: +32.10.47.52.11 Fax: +32.10.47.52.70 Email: info@anpi.be Internet: www.anpi.be

Ce certificat ne peut être reproduit que dans son intégralité et sans aucune surcharge.



BOSEC

CERTIFICAAT

N° TCC 2 – K 030/g

Wij certifiëren dat het branddetectiecomponent :

OPTISCHE ROOKMELDER Apollo 55000-620 XP95

Variante : (GE) Aritech DP951

VOETSTUK Apollo 45681-210

gefabriceerd te Havant (U.K.)

gefabriceerd te Havant (U.K.)

beantwoordt aan de volgende voorschriften :

EN 54-7:2000/A1:2002

op basis van het EG(CPD) Conformiteitscertificaat :

0832-CPD-0164-17/11/2006

*Het certificaat is alleen geldig indien de detectoren van het merk **BOSEC** voorzien zijn.*

De firma

**APOLLO FIRE DETECTORS Ltd.,
36, Brookside Road
PO9 1JR HAVANT, HAMPSHIRE
UNITED KINGDOM**

*heeft toestemming om het merk **BOSEC** op de bovenvermelde detectoren te gebruiken.*

*Dit certificaat werd afgeleverd onder de door
ANPI bepaalde voorwaarden en is geldig tot*

28 mei 2012

*ondertekend namens **ANPI**
Brussel, 29 mei 2009*

*De Secretaris Generaal
M. Vandenboren*

asbl **ANPI** vzw - Parc scientifique Fleming - Granbonpré 1, B-1348 Louvain-La-Neuve

Tél: +32.10.47.52.11 Fax: +32.10.47.52.70 Email: info@anpi.be Internet: www.anpi.be

Dit certificaat mag alleen in zijn geheel en zonder enige toevoeging gereproduceerd worden.



Test certificate no. 25597098

Details of order:

Name of customer	: Apollo Fire Det. Ltd.
Address	: 6 Solent Road, Havant, Hampshire, ENGLAND
Date of order	: 27/12/95

Description of sample:

Photoelectric smoke detector, type 55000-650, manufactured by Apollo, England

Nature of test:

Testing the compliance of the sample with the Israeli Standard SI 1220 Part 1 - "Fire protective signaling systems: Smoke detectors", September 1985. A complementary test to detector type 55000-550 according to our certificate no. 2559710.

1. General

A sample of 12 smoke detectors, type 55000-650, manufactured by Apollo, England were brought for testing by the customer's representative. The detectors were marked with numbers from 56001 to 56012. The detectors were tested with an Analog fire alarm control panel unit, model Epsilon, manufactured by Moran, Israel.

2. Conclusions

The detectors which have been tested **comply** with the requirements of the Clauses of the Standard to which they were tested.

This report contains 2 pages and may be used only in full.
--

This report refers to the test sample only and does not apply to other samples of the same product.

This document alone is not sufficient for the release of goods from customs.
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The original Test Report was signed by:

Name: A. Azulay

Position: Technician, Electronics and Lighting Laboratory

Name: E. Birenbaum

Position: Test conductor

Date: 01/01/98

I confirm that this is a true translation of the Hebrew original. Only the original test report is authentic.

Name: Eng. Z. Egozi

Position: Head of the Electronics and Lighting Laboratory

.. /2



Test certificate 2559709N

Page 2 of 2 pages

3. Test results:

3.1 The marking on the detectors was as following:



3.2 Annex A shows the results of the measurements of the sensitivity to gray smoke and black smoke according to the number of the detector.

3.3 The remaining positive test results are maintained at SII with the original certificate.

17-01-2009 14:04:00 DATA REVISION: 17-01-2009 14:04:00

2603-00

№ 298846

ДЕРЖАВНИЙ КОМІТЕТ УКРАЇНИ З ПИТАНЬ ТЕХНІЧНОГО РЕГУЛЮВАННЯ
ТА СПОЖИВЧОЇ ПОЛІТИКИ
ДЕРЖАВНА СИСТЕМА СЕРТИФІКАЦІЇ УкрСЕПРО

Серія ВВ

СЕРТИФІКАТ ВІДПОВІДНОСТІ

Зареєстровано в Реєстрі за №
Зареєстрований в Реєстрі

UA1.016.0123480-05

Термін дії з 23 грудня 2005 до 14 вересня 2010

Срок дії: Елементи системи адресно-аналогової пожежної сигналізації:

сповіщувач пожежний димовий оптичний 59000-600 АРО з базами 45681-500, 45681-501;
сповіщувач пожежний димовий оптичний 55000-620 АРО з базою 45681-210; спові-
щувач пожежний тепловий 59000-400 АРО з модулями 59000-810, 59000-820; спові-
щувач пожежний тепловий 59000-410 АРО з модулем 59000-700; сповіщувач пожеж-
ний тепловий 55000-420 АРО з базою 45681-321; сповіщувач пожежний тепловий
55000-401 АРО з модулем 55000-875; сповіщувач пожежний ручний 59000-910 АРО;
сповіщувач пожежний ручний 55000-905 EUR з модулем 55000-832; сповіщувач по-
жежний ручний 55000-906 АРО з модулем 55000-588; сповіщувач пожежний димовий
оптичний (з додатковою тепловою функцією) 55000-885 АРО; сповіщувач пожежний
димовий оптичний лінійний 55000-265 АРО з модулем 55000-813; сповіщувач поже-
жний полум'я 55000-280 АРО з модулем 55000-823.

Відповідає вимогам

Сотвѣтствует требованиям

усім обов'язковим ДСТУ EN 54-5:2003, ДСТУ EN 54-7:2004, ДСТУ EN 54-10:2004,
ДСТУ EN 54-11:2004, ДСТУ EN 54-12:2004.

Виробник продукції
Исполнитель продукции

Фірма 'APOLLO Fire Detectors Limited' (Великобританія),
адреса: 39 Brookside Road, Hevant, Hampshire, PO9 1JR, England.

Сертифікат видано
Сертификат выдан

Фірма 'APOLLO Fire Detectors Limited' (Великобританія),
адреса: 39 Brookside Road, Hevant, Hampshire, PO9 1JR, England.

Додаткова інформація
Дополнительная информация

Елементи системи адресно-аналогової пожежної сигналізації, що виробляються
серійно з 23.12.2005 до 14.09.2010. Здійснюється технічний нагляд за оціненою сис-
темою управління якістю та стабільністю показників сертифікованої продукції три
рази протягом терміну дії сертифіката відповідності. Маркування продукції здійсню-
ється голографічними етикетками у вигляді національного знаку відповідності згідно
з ДСТУ 2296-93, що наноситься на кожний сповіщувач.

Сертифікат видано органом з сертифікації
Сертификат выдан органом по сертификации

Державний центр сертифікації МНС України,
04212, м. Київ, вул. Малиновського, 6,
(свідоцтво про уповноваження № UA.PN.016 від 01.04.2005)
т./ф. (044) 496-91-01

На підставі
На основании

Протоколи сертифікаційних випробувань від 11.11.2005 №№ 132/2005, 133/2005, 134/2005,
від 28.11.2005 № 135/2005, від 01.12.2005 № 137/2005, від 19.12.2005 №№ 154/2005, 179/2005,
від 20.12.2005 №№ 177/2005, 178/2005 Випробувального центру ТОВ 'Росток-ВЦ' (атестат
акредитації № UA 6.001.H.019 від 20.11.2001) та ТЕ84655 від 06.1994, ТЕ 82645 від 01.1993, ТЕ
84654 від 06.1994, ТЕ 82647 від 07.1993, ТЕ208053 від 14.06.2002, ТЕ93397 від 10.05.2000 BRE
(Building Research Establishment Ltd). Сертифікати відповідності G 294028, G 294029 від
25.08.2004 VdS Schadenverhütung GmbH. Угода від 25.02.2005 про співробітництво між ОС
Держцентр та VdS Schadenverhütung GmbH. Звіт з перевірки та оцінки системи управління
якістю № 3088с6-05 від 21.07.2005 на відповідність вимогам ДСТУ ISO 9001-2001 Державного
центру сертифікації МНС України.

Керівник органу з сертифікації
Руководитель органа по сертификации

В.І. Приймаченко

підпис

ініціали, прізвище

Чинність сертифіката відповідності можна
перевірити в Реєстрі системи УкрСЕПРО
за тел. (044) 439-5102; 424-3471



Underwriters Laboratories Inc.®

APOLLO FIRE DETECTORS LTD
 MR G ASH, APPROVALS ENGINEER
 36 BROOKSIDE RD
 HAVANT
 HAMPSHIRE
 P09 1JR ENGLAND UNITED KINGDOM

Your most recent Certification is shown below. You may also view this information, or a portion of this information (depending on the product category), on UL's Online Certifications Directory at www.ul.com/database. Please review the text and contact the Conformity Assessment Services staff member who handled your project if revisions are required. For instructions on placing an order for this information in a 3 x 5-inch format, you may refer to the enclosed order form for UL Card Service.

UROX
 Smoke-Automatic Fire Detectors

April 25, 2002

APOLLO FIRE DETECTORS LTD
 36 BROOKSIDE RD HAVANT HAMPSHIRE, P09 1JR
 ENGLAND UNITED KINGDOM

S5022

Detector Model	Type	Compatibility Restriction	Velocity		Application
			Range Min	(fpm) Max	
55000-350, 55000-351, 55000-380(h), 55000-325, 55000-326, 55000-327	P	**	0	300	OAP
55000-250(a), 55000-251(a), 55000-225, 55000-226, 55000-227(c)	I	**	0	300	OAP
55000-550	I	*	0	300	OAP
55000-650	P	*	0	300	OAP
55000-886(h)	P	*	0	300	OAP
55000-266(b)	PB	****	+	+	OAP
58000-650	P	***	0	300	OAP
58000-750(hc)	P	***	0	300	OAP
58000-550	I	***	0	300	OAP
Base Model No. 45681-200	Related Detector 55000-225, 55000-226, 55000-227, 55000-250, 55000-251, 55000-325,		Control Unit Compatibility Restriction **		

Base Model No.	Related Detector	Control Unit Compatibility Restriction
	55000-326, 55000-327, 55000-328, 55000-350, 55000-351, 55000-380, 55000-381	
45681-210, -225, -234	55000-550, 55000-650,	**
	55000-886, 57000-500, 57000-600, 58000-550, 58000-650, 58000-750	
45681-220, -232	55000-225, 55000-226,	**
	55000-227, 55000-250, 55000-251, 55000-325, 55000-326, 55000-327, 55000-350, 55000-351, 55000-380	
45681-227, -230, -231, -252	55000-250, 55000-251,	**
	55000-350, 55000-351, 55000-380	
45681-242, -250	55000-550, 55000-650,	**
	55000-886, 58000-550, 58000-650, 58000-750	
45681-251	55000-225, 55000-226, 55000-227, 55000-250, 55000-251, 55000-325, 55000-326, 55000-327, 55000-350, 55000-351, 55000-380	**
45681-255, -256, -257, -258	55000-225, 55000-226,	**
	55000-227, 55000-325, 55000-326, 55000-327	

Codes:

*Listing limited to specific system control unit. Information on compatible control unit indicated on installation drawing of control unit and/or detector.

**For connection to Listed control units with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible models indicated on installation wiring diagram for Detector (Base) and/or control units.

***For connection to Listed control units, Models ZXa or ZXe, manufactured by Morley IAS employing software revision higher than 684aU0.

****For connection to Listed control units, Models IAG ZXa-UL and ZXe-UL with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible models are indicated on installation wiring diagram for Detector (Base) and/or control units. The following model must have 2 or greater devices on each loop.

+-Not affected by air velocity.

OAP — Open Area Protection, P — Photoelectric, I — Ion, PB — Projected Beam.

(a)-Suitable for use in ambient temperatures of 0-68 C (32-155 F).

(b)-Suitable for use in ambient temperatures of 10-55 C (16-131 F).

(c)-Suitable for use in ambient temperatures of 0-70 C (32-158 F).

(h)-Employs auxiliary 135 F rated heat sensor.

(hc)-Employs integral 135 F rated heat sensor and is Complementary Listed under Heat-Automatic Fire Detectors (UQGS).

(1)-This base is also suitable for connection to any manufacturer's Listed compatible control unit in a four wire configuration, as indicated on the installation drawing of control unit and/or detector/base.

LOOK FOR LISTING MARK ON PRODUCT



Zertifikat

über die

Anerkennung

von

Bauteilen und Systemen

Inhaber der Anerkennung:

Apollo Fire Detectors Ltd.
36 Brookside Road

GB- Havant, Hampshire PO9 1JR

Die Anerkennung
umfasst nur das angegebene
Bauteil/System
in der zur Prüfung
eingereichten Ausführung

■ mit den Bestandteilen
nach Anlage 1.

■ dokumentiert in den
technischen Unterlagen
nach Anlage 2.

■ zur Verwendung
in den angegebenen
Einrichtungen
der Brandschutz- und
Sicherungstechnik.
Bei der Anwendung
des Gegenstandes der
Anerkennung sind
die Hinweise/Bemerkungen
nach Anlage 3
zu beachten.

Die Gültigkeit
der Anerkennung kann
auf Antrag
verlängert werden.
Antrag auf Verlängerung
ist spätestens 6 Monate
vor Ablauf der
Gültigkeit zu stellen.

Das Zertifikat darf
nur unverändert und mit
sämtlichen Anlagen
vervielfältigt werden.

Alle Änderungen
der Voraussetzungen
für die Anerkennung
sind der VdS-
Zertifizierungsstelle
– mitsamt den erforderlichen
Unterlagen – unverzüglich
zu übermitteln.

Eine Werbung mit der
VdS-Anerkennung des
Produktes muss den Inhalt
des Zertifikates korrekt
wiedergeben und darf nicht
auf wettbewerbsrechtswidrige
Art und Weise erfolgen.

Anerkennungs-Nr.:	Anzahl der Seiten:	Gültig vom:	Gültig bis:
G 294028	4	25.08.2004	25.08.2012

Gegenstand der Anerkennung:

Streulichtrauchmelder
Typ 55000-620, Serie XP 95

Verwendung:

in automatischen Brandmeldeanlagen, die vor dem 01.07.2005
in Betrieb genommen wurden

Anerkennungsgrundlagen:

DIN EN 54, Teil 7 (08/89) - Rauchmelder
VdS 2110 (05/92) - Elektromagnetische Verträglichkeit
VdS 2344 (02/99) - Verfahrensrichtlinien



DAT-ZE 005/92

Köln, den 04.08.2008

Schüngel

Geschäftsführer

i. V. Lüttenberg

Leiter der Zertifizierungsstelle

VdS Schadenverhütung GmbH
Zertifizierungsstelle
Amsterdamer Str. 174
D-50735 Köln

Ein Unternehmen des Gesamt-
verbandes der Deutschen
Versicherungswirtschaft e.V. (GDV)
akkreditiert als Zertifizierungsstelle
für die Bereiche Brandschutz- und
Sicherungstechnik von der
Deutschen Akkreditierungsstelle
Technik (DATech)

Anlage 1
Seite 1

zur Anerkennung Nr. G 294028

vom 04.08.2008

Der Gegenstand der Anerkennung umfaßt folgende Bestandteile:

Bezeichnung des Gegenstandes	Type	Kenn-Nr. des Antragstellers	Bei Systemen: Anerkennungs- Nummer der System- Bestandteile
Streulichtrauchmelder	XP 95		
	55000-620		
Meldersockel	45681-210		

Anlage 2

Seite 1

zur Anerkennung Nr. G 294028

vom 04.08.2008

Der Gegenstand der Anerkennung wird durch folgende Unterlagen beschrieben:

Art der Unterlage	Kennzeichen des Herstellers	Datum	Anzahl der Seiten
LPCB-Prüfbericht Nummer TE 82647, von Juli 1993			
LPCB-Prüfberichte Nummer TE 83810, von Oktober 1993			
LPCB-Prüfbericht Nummer TE 84654, von Juni 1994			
XP 95 EMC optical:			
Smoke detector	55000-620-2	06.94	1
Sensor circuit	55000-620 CD 2	06.94	2
Installation drg.	55000-620 ID	11.93	1
Subassembly	43785-124-2	06.94	1
Component schedule	43785-124-2	06.94	1
Optical PCB assembly	43781-236-2	06.94	1
Component schedule	43781-236-2	06.94	4
Optical PCB cover	38531-778	10.89	2
EMC RFI shield	38531-797-2	06.94	1
Optical chamber	38531-780	04.89	1
XP 95 keypad	35158-800	12.88	1
Detector label	39117-204	11.93	1
Base moulding XP 95	38531-770	01.91	5
Declaration of conformity	---	01.05.03	1

Anlage 3

Seite 1

zur Anerkennung Nr. G 294028

vom 04.08.2008

Hinweise für die Anwendung des Gegenstandes der Anerkennung nach Anlage 1

Der adressierbare Rauchmelder Typ 55000-620, Serie XP 95, arbeitet nach dem Streulichtprinzip.

Die Prüfungen 'Elektromagnetische Verträglichkeit' wurden nach den Richtlinien VdS 2110 (05/92) durchgeführt.

СИСТЕМА СЕРТИФИКАЦИИ В ОБЛАСТИ ПОЖАРНОЙ БЕЗОПАСНОСТИ
СЕРТИФИКАТ ПОЖАРНОЙ БЕЗОПАСНОСТИ

№ **ССПБ. GB. УП001.В07445**

Зарегистрирован в государственном реестре
Системы сертификации в области пожарной
безопасности **09.12.2008**

Действителен до **08.12.2011**

Настоящий сертификат удостоверяет, что идентифицированный надлежащим образом образец

Извещатели пожарные серии XP95:

Извещатели пожарные тепловые мод. 55000-400 АРО, 55000-420 АРО;

**Извещатели пожарные дымовые оптико-электронные
мод. 55000-600 АРО, 55000-620 АРО;**

с базой мод. 45681-210 АРО и изолирующими базами

мод. 45681-320 АРО, 45681-321 АРО;

Извещатели пожарные ручные мод.: 55000-900 АРО, 55000-905 АРО, 55000-906 АРО;

Изолятор короткого замыкания мод. 55000-700 АРО с базой мод. 45681-211 АРО;

Модули интерфейсные серии XP95:

Input/output unit мод. 55000-818 АРО, 55000-816 АРО;

Switch monitor мод. 55000-810 АРО, 55000-808 АРО;

Mini switch monitor мод. 55000-833 АРО;

Zone monitor мод. 55000-814 АРО, 55000-813 АРО

продукция

код ОКП

8531 10

код ТН ВЭД

соответствует требованиям пожарной безопасности, установленным в:

**НПБ 76-98, НПБ 57-97*, ГОСТ Р МЭК 60065-2002 р.3 п.4.3, НПБ 65-97, НПБ 85-2000, НПБ 70-98,
ГОСТ 12997-84, ГОСТ 26342-84**

НД

при обязательной сертификации

Сертификат распространяется на **серийный выпуск**

серийный выпуск, партия, единичное изделие

Сертификат выдан **Apollo Fire Detectors Limited**

36 Brookside Road, Havant, Hampshire, P09 1JR, Great Britain.

Tel. +44(0) 2392492412, Fax +44 (0) 23 92492754

реквизиты предприятия, организации, адрес

Изготовитель

Apollo Fire Detectors Limited

36 Brookside Road, Havant, Hampshire, P09 1JR, Great Britain.

Tel. +44(0) 2392492412, Fax +44 (0) 23 92492754

реквизиты предприятия, организации, адрес

№ **0224672**

Сертификат выдан на основании:

Документ (наименование, номер, дата)	Исполнитель (наименование, регистрационный номер)
Отчет об испытаниях № 5927 от 01.11.2005, отчеты об экспертном заключении № 8688 и № 8689 от 08.12.2008	ИЛ НИЦ ЦТ и СП ФГУ ВНИИПО МЧС России, № ССПБ. RU.ИН.055 от 24.02.2005
Акт о результатах анализа состояния производства № 9724 от 29.10.2008	ОС «ПОЖТЕСТ» ФГУ ВНИИПО МЧС России, № ССПБ. RU.УП.001 от 24.02.2005

Маркировка товара и технической документации, прилагаемой к каждой единице продукции, осуществляется знаком соответствия ССПБ, наносимым на каждое изделие, его тару, упаковку, товаросопроводительную документацию в соответствии с требованиями

Положения о знаке соответствия системы сертификации в области пожарной безопасности
Знак соответствия системы. Форма, размеры и технические требования

Описание местонахождения знака соответствия
рядом с товарным знаком фирмы изготовителя

В случае невыполнения условий, лежащих в основе выдачи сертификата, он отменяется (приостанавливается) органом по сертификации, выдавшим сертификат

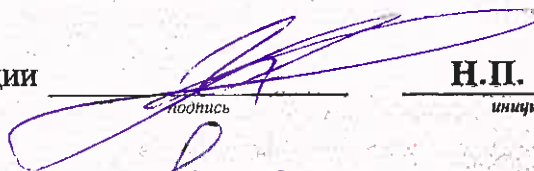
Сертификат выдан органом по сертификации «ПОЖТЕСТ»
ФГУ ВНИИПО МЧС России, № ССПБ. RU.УП.001

143903, Московская обл., г. Балашиха, мкр. ВНИИПО, д. 12. Тел./факс: (495) 529-85-61

наименование органа по сертификации, выдавшего сертификат, № в Госреестре, адрес



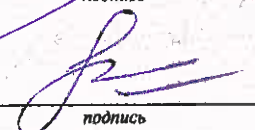
Руководитель органа по сертификации


подпись

Н.П. Копылов

инициалы, фамилия

Эксперт


подпись

Т.В. Морозова

инициалы, фамилия

Настоящий сертификат подтверждает соответствие продукции установленным требованиям пожарной безопасности и является необходимым документом для получения разрешения на ввоз продукции на территорию Российской Федерации.

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р
ГОССТАНДАРТ РОССИИ



СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС GB.ББ02.Н04422

Срок действия с 09.12.2008

по 08.12.2011

1123155

ОРГАН ПО СЕРТИФИКАЦИИ № РОСС RU.0001.11ББ02

ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ УЧРЕЖДЕНИЕ «ВСЕРОССИЙСКИЙ ОРДЕНА «ЗНАК ПОЧЕТА»
НАУЧНО-ИССЛЕДОВАТЕЛЬСКИЙ ИНСТИТУТ ПРОТИВОПОЖАРНОЙ ОБОРОНЫ МЧС РОССИИ»
(ОС «ПОЖТЕСТ»)

мкр. ВНИИПО, д. 12, г. Балашиха, Московская область, 143903. Тел./факс (495) 529-85-61

ПРОДУКЦИЯ Извещатели пожарные серии XP95: Извещатели пожарные тепловые мод. 55000-400 АРО, 55000-420 АРО; Извещатели пожарные дымовые оптико-электронные мод. 55000-600 АРО, 55000-620 АРО; с базой мод. 45681-210 АРО и изолирующими базами мод. 45681-320 АРО, 45681-321 АРО; Извещатели пожарные ручные мод.: 55000-900 АРО, 55000-905 АРО, 55000-906 АРО; Изолятор короткого замыкания мод. 55000-700 АРО с базой мод. 45681-211 АРО; Модули интерфейсные серии XP95: Input/output unit мод. 55000-818 АРО, 55000-816 АРО; Switch monitor мод. 55000-810 АРО, 55000-808 АРО; Mini switch monitor мод. 55000-833 АРО; Zone monitor мод. 55000-814 АРО, 55000-813 АРО серийный выпуск

код ОК 005 (ОКП):

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СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ

НПБ 76-98, НПБ 57-97*, ГОСТ Р МЭК 60065-2002 р.3 п.4.3, НПБ 65-97,
НПБ 85-2000, НПБ 70-98, ГОСТ 12997-84, ГОСТ 26342-84

код ТН ВЭД:

8531 10

ИЗГОТОВИТЕЛЬ

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, Great Britain.
Tel. +44(0) 2392492412, Fax +44 (0) 23 92492754

СЕРТИФИКАТ ВЫДАН

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, Great Britain.
Tel. +44(0) 2392492412, Fax +44 (0) 23 92492754

НА ОСНОВАНИИ

Отчет об испытаниях № 5927 от 01.11.2005, отчеты об экспертном заключении № 8688 и № 8689 от 08.12.2008
ИЦ ФГУ ВНИИПО МЧС России, № РОСС RU.0001.21ББ08 от 09.03.2006
Акт о результатах анализа состояния производства № 9724 от 29.10.2008
ОС «ПОЖТЕСТ», № РОСС RU.0001.11ББ02 от 18.01.2006
Сертификат пожарной безопасности № ССПБ. GB. УП001.В07445 от 09.12.2008 до 08.12.2011
ОС «ПОЖТЕСТ» ФГУ ВНИИПО МЧС России, № ССПБ. RU.УП001 от 24.02.2005

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ

Схема сертификации За



Руководитель органа

Эксперт

подпись

подпись

Н.П. Копылов

инициалы, фамилия

Т.В. Морозова

инициалы, фамилия

Сертификат не применяется при обязательной сертификации



Certificate of Quality System Registration

APOLLO FIRE DETECTORS LIMITED
36 Brookside Road, Havant, Hampshire, PO9 1JR UK

has complied with the requirements of the following:

ISO 9001:2008

And is authorised to use the LPCB mark on stationery
and publications related to the following products
and/or services

**Design, manufacture, service and repair of fire detectors for
commercial/ industrial applications.**

Tracie Hunter,

T A Hunter

for and on behalf of the LPCB

Certificate No: 010

Issue Number: 12

Date of Issue: 24 July 2009



breglobal

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Loss Prevention Certification Board



ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATION

This is to certify

APOLLO FIRE DETECTORS

36 Brookside Road, Havant, Hampshire PO9 1JR

has complied with the requirements identified in

ISO 14001:2004

and is authorised to use the LPCB mark on stationery and publications related to the following services

design and manufacture of fire detection equipment.

further clarifications regarding the scope of this certificate may be obtained by contacting us.

Certificate No. EMS 010 Issue 2

Issued 10 January 2007

To check the authenticity of this certificate please visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

S R Blofeld



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This is to certify

APOLLO FIRE DETECTORS LIMITED
36 Brookside Road, Havant, Hampshire PO9 1JR

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

**59000-600, 58000-500, 58000-600, 55000-215, 55000-216,
55000-217, 55000-218, 55000-219, 55000-220, 55000-315,
55000-316, 55000-317, 55000-500, 55000-520, 55000-600, 55000-620,
55000-560, 55000-660, 55000-640 and 55000-540 Smoke Detectors**

(refer to attached appendix for details)

which have complied with the requirements of the following:

EN 54 - 7: 2000 + A1: 2002 - Fire detection and fire alarm systems - Smoke detectors - Point detectors using scattered light, transmitted light or ionisation

Certificate No. 010q

Issue No. 17

Date of Issue 24 July 2008

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Signed on behalf of the LPCB

Name: N DANIYEL



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APPENDIX TO CERTIFICATE NO. 010q

APOLLO FIRE DETECTORS LIMITED

Products	LPCB Ref. No.
59000-600 XPlorer analogue addressable optical smoke detector (45681-500 and 45681-501 mounting bases) ¹	010q/01
58000-500 Discovery analogue addressable ionisation smoke detector (45681-209 and 45681-210 mounting base) ² <i>Meets the requirements of EN54: Part 7 in modes 1, 2, 3, 4 and 5 and in conventional mode.</i>	010q/02
58000-600 Discovery analogue addressable optical smoke detector (45681-209 and 45681-210 mounting base) ³ <i>Meets the requirements of EN54: Part 7 in modes 1, 2, 3, 4 and 5 and in conventional mode.</i>	010q/03
55000-215 Series 65 Conventional ionisation smoke detector – Flashing LED/Reed switch (45681-200 mounting base) ⁴	010q/04
55000-216 Series 65 Conventional ionisation smoke detector – Flashing LED (45681-200 mounting base) ⁴	010q/05
55000-217 Series 65 Conventional ionisation smoke detector – Standard (45681-200 mounting base) ⁴	010q/06
55000-218 Series 65 Conventional integrating ionisation smoke detector – Flashing LED/Reed switch (45681-200 mounting base) ⁴	010q/07
55000-219 Series 65 Conventional integrating ionisation smoke detector – Flashing LED (45681-200 mounting base) ⁴	010q/08
55000-220 Series 65 Conventional integrating ionisation smoke detector – Standard (45681-200 mounting base) ⁴	010q/09
55000-315 Series 65 Conventional optical smoke detector – Flashing LED/Reed switch (45681-200 mounting base) ⁴	010q/10
55000-316 Series 65 Conventional optical smoke detector – Flashing LED (45681-200 mounting base) ⁴	010q/11
55000-317 Series 65 Conventional optical smoke detector – Standard (45681-200 mounting base) ⁴	010q/12

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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Page 2 of 9

Date of Issue 24 July 2008

Issue No. 17

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APPENDIX TO CERTIFICATE NO. 010q APOLLO FIRE DETECTORS LIMITED

Products

LPCB Ref. No.

55000-500 XP95 analogue addressable ionisation smoke detector (45681-209 and 45681-210 mounting base) ²	010q/16
55000-520 XP95 analogue addressable ionisation smoke detector (45681-209 and 45681-210 mounting base) ²	010q/17
55000-600 XP95 analogue addressable optical smoke detector (45681-209 and 45681-210 mounting base) ³	010q/18
55000-620 XP95 analogue addressable optical smoke detector (45681-209 and 45681-210 mounting base) ³	010q/19
55000-560 XP95 analogue addressable ionisation smoke detector (45681-209 and 45681-210 mounting base) ²	010q/20
55000-660 XP95 analogue addressable optical smoke detector (45681-209 and 45681-210 mounting base) ³	010q/21
55000-640 XP95 IS analogue addressable intrinsically safe optical smoke detector (45681-215 mounting base) ¹	010q/22
55000-540 XP95 IS analogue addressable intrinsically safe ionisation smoke detector (45681-215 mounting base) ¹	010q/23

Bases:

45681-200 Series 60/65 mounting base
45681-201 Series 60/65 diode mounting base
45681-245 Series 65 relay mounting base
45681-246 Series 65 auxiliary mounting base
45681-247 Series 65 EOL 12 Volt mounting base
45681-248 Series 65 EOL 24 Volt mounting base
45681-500 XP95 standard mounting base
45681-501 XP95 remote LED mounting base
45681-210 XP95 mounting base
45681-215 XP95 intrinsically safe mounting base
45681-209 XP95/Discovery standard deep mounting base

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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Page 3 of 9

Date of Issue 24 July 2008

Issue No. 17

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APPENDIX TO CERTIFICATE NO. 010q APOLLO FIRE DETECTORS LIMITED

Notes:

- ¹ Certificated with Apollo Series 90 and XP95 digital communication protocols.
- ² Certificated with Apollo Discovery, XP95, and S90 digital communication protocols that have been configured for the Discovery ionisation smoke detectors in accordance with manufacturer's instructions.
- ³ Certificated with Apollo Discovery, XP95, and S90 digital communication protocols that have been configured for the Discovery optical smoke detectors in accordance with manufacturer's instructions.
- ⁴ Also Certificated for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases.

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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Page 4 of 9

Date of Issue 24 July 2008

Issue No. 17

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APPENDIX TO CERTIFICATE NO. 010q

APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010q/01	59000-600	23900-K159	Kidde	010q/01
010q/02	58000-500	58000-500AMP F850509N 23900-K141 58000-500ADV EDI-10 NV-I-I	AMPAC Chubb Kidde Advanced Electronics ESMI Nitin Ventures FZE	010q/02 010q/02 010q/02 010q/02 010q/02 010q-(cl-1)
010q/03	58000-600	58000-600AMP F850508N 23900-K142 58000-600ADV EDI-20 FADY-OPT NV-I-O	AMPAC Chubb Kidde Advanced Electronics ESMI Emergi-Lite Nitin Ventures	010q/03 010q/03 010q/03 010q/03 010q/03 010q/03 010q-(cl-1)
010q/04	55000-215	DI650LS	Aritech	010q/04
010q/05	55000-216	DI650L NV-C-I	Aritech Nitin Ventures FZE	010q/05 010q-(cl-1)

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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Page 5 of 9

Date of Issue 24 July 2008

Issue No. 17

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APPENDIX TO CERTIFICATE NO. 010q APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010q/06	55000-217	DI650	Aritech	010q/06
		AL2397	ALTO	010q/06
		NL5713	Newlec	010q/06
		F850674N	Chubb	010q/06
		23900-K031-065	Kidde	010q/06
		BF317ZH/C-TEC	C-TEC	010q/06
		55000-217ADV	Advanced Electronics	010q/06
		FAP6-ION	Emergi-Lite	010q/06
010q/07	55000-218	DI651LS	Aritech	010q/07
010q/08	55000-219	DI651L	Aritech	010q/08
010q/09	55000-220	DI651	Aritech	010q/09
		F850680N	Chubb	010q/09
		23900-K032-065	Kidde	010q/09
010q/10	55000-315	DP652LS	Aritech	010q/10
010q/11	55000-316	DP652L	Aritech	010q/11
		NV-C-O	Nitin Ventures FZE	010q-(cl-1)

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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Page 6 of 9

Date of Issue 24 July 2008

Issue No. 17

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Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 010q APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010q/12	55000-317	DP652	Aritech	010q/12
		AL2395	ALTO	010q/12
		NL5712	Newlec	010q/12
		F850673N	Chubb	010q/12
		23900-K034-065	Kidde	010q/12
		BF316ZH/C-TEC	C-TEC	010q/12
		55000-317ADV	Advanced Electronics	010q/12
		FAP6-OPT	Emergi-Lite	010q/12
010q/15	55000-305	23900-K034	Kidde	010q/15
010q/16	55000-500	F850252N	Chubb	010q/16
		23900-K040	Kidde	010q/16
		55000-500 ESS	Emergi-Lite	010q/16
		BF317XPH/C-TEC	C-TEC	010q/16
		55000-500ADV	Advanced Electronics	010q/16
		55000-500 IMC	Context Plus Limited	010q/16
010q/17	55000-520	DI 950	Aritech	010q/17
		55000-520 AMP	AMPAC	010q/17

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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Page 7 of 9

Date of Issue 24 July 2008

Issue No. 17

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Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 010q

APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010q/18	55000-600	F850251N	Chubb	010q/18
		23900-K041	Kidde	010q/18
		55000-600 ESS	Emergi-Lite	010q/18
		BF316XPH/C-TEC	C-TEC	010q/18
		55000-600ADV	Advanced Electronics	010q/18
		55000-600 IMC	Context Plus Limited	010q/18
010q/19	55000-620	DP 951	Aritech	010q/19
		55000-620 AMP	AMPAC	010q/19
010	45681-200	23902-H08	Kidde	010
		DB860	Aritech	010
010	45681-201	FAP6-STB	Emergi-Lite	010
010	45681-210	45681-210	AMPAC	010
		EBI-10	ESMI	010
		DB950	Aritech	010
		FA95-ACB	Emergi-Lite	010
010	45681-245	DB650	Aritech	010
010	45681-246	DB650R	Aritech	010
010	45681-500	23900-K155	Kidde	

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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Page 8 of 9

Date of Issue 24 July 2008

Issue No. 17

Name: N DANIYEL

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Fax +44 (0)1923 664603 www.RedBookLive.com

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Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 010q

APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010	45681-501	23900-K156	Kidde	010
010	45681-209	EBI-12	ESMI	010
010	45681-210	NV-IA-SB	Nitin Ventures FZE	010q-(cl-1)
010	45681-200	NV-C-SB	Nitin Ventures FZE	010q-(cl-1)

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

This certificate is valid until withdrawn by LPCB.
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Signed on behalf of the LPCB

Page 9 of 9

Date of Issue 24 July 2008

Issue No. 17

Name:  N. DANIYEL

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BRE Certification Limited and LPCB

1941.03

Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX

Telephone: 01923 664100 Fax: 01923 664603 E-mail: enquiries@bre-certification.co.uk Web: www.bre-certification.co.uk

EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 0164

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

55000-600 XP95 Analogue addressable photoelectric smoke detector for use in fire detection and alarm systems

(For conditions of use for the product see the attached appendix)

placed on the market by

Apollo Fire Detectors Limited

36 Brookside Road, Havant, Hampshire PO9 1JR

and produced in the factory

Apollo Fire Detectors Limited

36 Brookside Road, Havant, Hampshire PO9 1JR

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Certification Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

EN 54 - 7: 2000 + A1: 2002 - Fire detection and fire alarm systems - Smoke detectors - Point detectors using scattered light, transmitted light or ionization

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 13/7/2005 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.



Eman Mattie-Suleiman
For and on behalf of BRE Certification Limited

Date of Issue: 17/11/2006
Issue Number: 4
Page: 1 of 3

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BRE Certification Limited and LPCB

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Appendix to EC Certificate of conformity 0832 - CPD - 0164

The details and conditions of use for the 55000-600 XP95 Analogue addressable photoelectric smoke detector, placed on the market by Apollo Fire Detectors Limited are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Bases:

45681-210 standard mounting base

45681-209 XP95/Discovery standard deep mounting base

Variants:

55000-620 Analogue addressable photoelectric smoke detector

55000-660 Analogue addressable photoelectric smoke detector (Black)



Eman Mattie-Suleiman

For and on behalf of BRE Certification Limited

Date of Issue: 17/11/2006

Issue Number: 4

Page: 2 of 3

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BRE Certification Limited and LPCB

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Appendix to EC Certificate of conformity 0832 - CPD - 0164

ALTERNATIVE MODEL NUMBERS AND LABELLING

Original Name	Alternative Name	Distributed by
55000-600	23900-K041	Kidde Fire Protection
55000-600	55000-600ADV	Advanced Electronics
55000-600	BF316XPH/C-TEC	C-TEC
55000-620	DP951	GE Security B.V (Aritech)
55000-600	F850251N	Chubb Fire Limited



Eman Mattie-Suleiman
For and on behalf of BRE Certification Limited

Date Of Issue: 17/11/2006
Issue Number: 4
Page: 3 of 3

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Loss Prevention Certification Board



This is to certify

APOLLO FIRE DETECTORS LIMITED
36 Brookside Road, Havant, Hampshire PO9 1JR

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

**59000-400, 59000-410, 58000-400, 55000-120, 55000-121, 55000-122,
55000-125, 55000-126, 55000-127, 55000-130, 55000-131,
55000-132, 55000-135, 55000-136, 55000-137, 55000-400, 55000-401,
55000-420 and 55000-440 Heat Detectors**

(refer to attached appendix for details)

which have complied with the requirements of the following:

EN 54-5: 2000 + A1: 2002 - Fire detection and fire alarm systems - Heat detectors - Point detectors

Certificate No. 010p

Issue No. 17

Date of Issue 24 July 2008

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please
visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

Name:  N DANIYEL



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Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 010p

APOLLO FIRE DETECTORS LIMITED

Products	LPCB Ref. No.
59000-400 XPlorer Analogue addressable Class A2S heat detector (45681-500 and 45681-501 mounting bases) ¹	010p/01
59000-410 XPlorer Analogue addressable Class CS heat detector (45681-500 and 45681-501 mounting bases) ¹	010p/02
58000-400 Discovery Analogue addressable heat detector (45681-209 and 45681-210 mounting base) ²	010p/03
<i>Meets the requirements of EN54: Part 5 - Class A1R in mode 1 and in conventional mode Class A2 in mode 2 and in conventional mode Class A2S in mode 3 and in conventional mode Class CR in mode 4 and in conventional mode Class CS in mode 5 and in conventional mode</i>	
55000-120 Series 65 Conventional Class A1R heat detector – Flashing LED/Reed switch (45681-200 mounting base) ³	010p/04
<i>Meets the requirements of EN54: Part 5 - Class A1R</i>	
55000-121 Series 65 Conventional Class A1R heat detector – Flashing LED (45681-200 mounting base) ³	010p/05
<i>Meets the requirements of EN54: Part 5 - Class A1R</i>	
55000-122 Series 65 Conventional Class A1R heat detector – Standard (45681-200 mounting base) ³	010p/06
<i>Meets the requirements of EN54: Part 5 - Class A1R</i>	
55000-125 Series 65 Conventional Class BR heat detector – Flashing LED/Reed switch (45681-200 mounting base) ³	010p/07
<i>Meets the requirements of EN54: Part 5 - Class BR</i>	
55000-126 Series 65 Conventional Class BR heat detector – Flashing LED (45681-200 mounting base) ³	010p/08
<i>Meets the requirements of EN54: Part 5 - Class BR</i>	

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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Page 2 of 9

Date of Issue 24 July 2008

Issue No. 17


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APPENDIX TO CERTIFICATE NO. 010p

APOLLO FIRE DETECTORS LIMITED

Products	LPCB Ref. No.
55000-127 Series 65 Conventional Class BR heat detector – Standard (45681-200 mounting base) ³ <i>Meets the requirements of EN54: Part 5 - Class BR</i>	010p/09
55000-130 Series 65 Conventional Class CR heat detector – Flashing LED/Reed switch (45681-200 mounting base) ³ <i>Meets the requirements of EN54: Part 5 - Class CR</i>	010p/10
55000-131 Series 65 Conventional Class CR heat detector – Flashing LED (45681-200 mounting base) ³ <i>Meets the requirements of EN54: Part 5 - Class CR</i>	010p/11
55000-132 Series 65 Conventional Class CR heat detector – Standard (45681-200 mounting base) ³ <i>Meets the requirements of EN54: Part 5 - Class CR</i>	010p/12
55000-135 Series 65 Conventional Class CS Heat Detector – Flashing LED/Reed switch (45681-200 mounting base) ³ <i>Meets the requirements of EN54: Part 5 - Class CS</i>	010p/13
55000-136 Series 65 Conventional Class CS heat detector – Flashing LED (45681-200 mounting base) ³ <i>Meets the requirements of EN54: Part 5 - Class CS</i>	010p/14
55000-137 Series 65 Conventional Class CS heat detector – Standard (45681-200 mounting base) ³ <i>Meets the requirements of EN54: Part 5 - Class CS</i>	010p/15
55000-400 XP95 analogue addressable Class A2S heat detector (45681-209 and 45681-210 mounting base) ²	010p/20
55000-401 XP95 analogue addressable Class CS heat detector (45681-209 and 45681-210 mounting base) ²	010p/21
55000-420 XP95 analogue addressable Class A2S heat detector (45681-209 and 45681-210 mounting base) ²	010p/22
55000-440 XP95 IS analogue addressable intrinsically safe Class A2S heat detector (45681-215 mounting base) ¹	010p/23

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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APPENDIX TO CERTIFICATE NO. 010p

APOLLO FIRE DETECTORS LIMITED

Bases

45681-200 Series 60/65 mounting base
45681-201 Series 60/65 diode mounting base
45681-245 Series 65 relay mounting base
45681-246 Series 65 auxiliary relay mounting base
45681-247 Series 65 EOL 12 Volt mounting base
45681-248 Series 65 EOL 24 Volt mounting base
45681-500 XPloer standard mounting base
45681-501 XPloer remote LED mounting base
45681-210 Series XP95 mounting base
45681-215 XP95 intrinsically safe mounting base
45681-209 XP95/Discovery standard deep mounting base

Notes:

- ¹ Certificated with Apollo Series 90 and XP95 digital communications protocols.
- ² Certificated with Apollo Discovery, XP95, and S90 digital communications protocols configured for the Discovery heat detector in accordance with manufacturer's instructions.
- ³ Also Certificated for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases.

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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APPENDIX TO CERTIFICATE NO. 010p

APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010p/01	59000-400	23900-K157	Kidde	010p/01
010p/02	59000-410	23900-K158	Kidde	010p/02
010p/03	58000-400	58000-400AMP F850510N 23900-K144 58000-400ADV EDI-50 FADY-TEM NV-I-H	AMPAC Chubb Kidde Advanced Electronics ESMI Emergi-Lite Nitin Ventures FZE	010p/03 010p/03 010p/03 010p/03 010p/03 010p/03 010p-(cl-1)
010p/04	55000-120	DT654LS	Aritech	010p/04
010p/05	55000-121	DT654L NV-C-H-A1R	Aritech Nitin Ventures FZE	010p/05 010p-(cl-1)
010p/06	55000-122	DT654 AL2399 NL5716 F850675N 23900-K035-065 BF302Z1H/C-TEC 55000-122ADV FAP6-RR6	Aritech ALTO Newlec Chubb Kidde C-TEC Advanced Electronics Emergi-Lite	010p/06 010p/06 010p/06 010p/06 010p/06 010p/06 010p/06 010p/06

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Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 010p APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010p/07	55000-125	DT655LS	Aritech	010p/07
010p/08	55000-126	DT655L	Aritech	010p/08
010p/09	55000-127	DT655 AL2401 NL5718 F850677N 239000-K036-065 BF302Z2H/C-TEC 55000-127ADV FAP6-RR75	Aritech ALTO Newlec Chubb Kidde C-TEC Advanced Electronics Emergi-Lite	010p/09 010p/09 010p/09 010p/09 010p/09 010p/09 010p/09 010p/09
010p/10	55000-130	DT656LS	Aritech	010p/10
010p/11	55000-131	DT656L	Aritech	010p/11
010p/12	55000-132	DT656 F850678N 23900-K038-065 BF303Z1H/C-TEC 55000-132ADV FAP6-RR90	Aritech Chubb Kidde C-TEC Advanced Electronics Emergi-Lite	010p/12 010p/12 010p/12 010p/12 010p/12 010p/12

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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APPENDIX TO CERTIFICATE NO. 010p

APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010p/13	55000-135	DT657LS	Aritech	010p/13
010p/14	55000-136	DT657L	Aritech	010p/14
010p/15	55000-137	DT657	Aritech	010p/15
		AL4345	ALTO	010p/15
		NL5725	Newlec	010p/15
		F850679N	Chubb	010p/15
		23900-K039-065	Kidde	010p/15
		BF303Z2H/C-TEC	C-TEC	010p/15
		55000-137ADV	Advanced Electronics	010p/15
		FAP6-FT8	Emergi-Lite	010p/15
010p/20	55000-400	F850253N	Chubb	010p/20
		23900-K042	Kidde	010p/20
		55000-400 ESS	Emergi-Lite	010p/20
		BF302XPH/C-TEC	C-TEC	010p/20
		55000-400ADV	Advanced Electronics	010p/20
		55000-400 IMC	Context Plus Limited	010p/20

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Page 7 of 9

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APPENDIX TO CERTIFICATE NO. 010p

APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010p/21	55000-401	F850278N	Chubb	010p/21
		23900-K050	Kidde	010p/21
		DT 953	Aritech	010p/21
		55000-401 ESS	Emergi-Lite	010p/21
		55000-401ADV	Advanced Electronics	010p/21
		55000-401 IMC	Context Plus Limited	010p/21
010p/22	55000-420	DT 952	Aritech	010p/22
		55000-420 AMP	AMPAC	010p/22
010	45681-200	23902-H08	Kidde	010
		DB860	Aritech	010
010	45681-201	FAP6-STB	Emergi-Lite	010
010	45681-210	45681-210	AMPAC	010
		EBI-10	ESMI	010
		DB950	Aritech	010
		FA95-ACB	Emergi-Lite	010
010	45681-245	DB650	Aritech	010
010	45681-246	DB650R	Aritech	010

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APPENDIX TO CERTIFICATE NO. 010p

APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No
010	45681-500	23900-K155	Kidde	010
010	45681-501	23900-K156	Kidde	010
010	45681-209	EBI-12	ESMI	010
010	45681-210	NV-IA-SB	Nitin Ventures FZE	010p-(cl-1)
010	45681-200	NV-C-SB	Nitin Ventures FZE	010p-(cl-1)

For details of Cross-Listed products and alternative branding please see pages 5 to 9.

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BRE Certification Limited and LPCB

1938-03

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EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 0161

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

55000-400 XP95 Analogue addressable Class A2S heat detector for use in fire detection and alarm systems

(For conditions of use for the product see the attached appendix)

placed on the market by

**Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire PO9 1JR**

and produced in the factory

**Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire PO9 1JR**

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Certification Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

EN 54 - 5: 2000 + A1: 2002 - Fire detection and fire alarm systems - Heat detectors - Point detectors

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 13/7/2005 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.



Eman Mattie-Suleiman
For and on behalf of BRE Certification Limited

Date of Issue: 17/11/2006
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Page: 1 of 3

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Appendix to EC Certificate of conformity 0832 - CPD - 0161

The details and conditions of use for the 55000-400 XP95 Analogue addressable Class A2S heat detector, placed on the market by Apollo Fire Detectors Limited are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Bases:

45681-210 standard mounting base

45681-209 XP95/Discovery standard deep mounting base

Variants:

55000-420 Analogue addressable A2S heat detector

Heat Classifications:

Class A2S



Eman Mattie-Suleiman

For and on behalf of BRE Certification Limited

Date of Issue: 17/11/2006

Issue Number: 4

Page: 2 of 3

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Appendix to EC Certificate of conformity 0832 - CPD - 0161

ALTERNATIVE MODEL NUMBERS AND LABELLING

Original Name	Alternative Name	Distributed by
55000-400	23900-K042	Kidde Fire Protection
55000-400	55000-400ADV	Advanced Electronics
55000-400	BF302XPH/C-TEC	C-TEC
55000-420	DT952	GE Security B.V (Aritech)
55000-400	F850253N	Chubb Fire Limited



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Loss Prevention Certification Board



This is to certify

APOLLO FIRE DETECTORS LIMITED
36 Brookside Road, Havant, Hampshire PO9 1JR

is authorised to use the LPCB mark in association with the
product(s) listed in this certificate and appendix.

55000-885 multisensor detector

(refer to attached appendix for details)

which has complied with the requirements of the following:

**CEA 4021: 1999-06 - Specifications for fire detection and fire alarm systems -
Requirements and test methods for multisensor detectors, which respond to
smoke and heat, and smoke detectors
with more than one smoke sensor**

Certificate No. 010m

Issue No. 10

Date of Issue 28 November 2006

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please
visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

Name: E MATTIE-SULEIMAN



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APPENDIX TO CERTIFICATE NO. 010m

APOLLO FIRE DETECTORS LIMITED

Products

55000-885 XP95 analogue addressable multisensor detector
(45681-209 and 45681-210 mounting base)¹

LPCB Ref. No.

010m/01

Note:

¹ Approved with Apollo XP95 and S90 digital communication protocols that have been configured for the XP95 multisensor detector in accordance with manufacturer's instructions.

Base

45681-209 XP95/Discovery standard deep mounting base
45681-210 XP95 mounting base

For details of Cross-Listed products and alternative branding please see page 3.

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Signed on behalf of the LPCB

Name: E MATTIE-SULEIMAN

Page 2 of 3

Date of Issue 28 November 2006

Issue No. 10

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APPENDIX TO CERTIFICATE NO. 010m

APOLLO FIRE DETECTORS LIMITED

LPCB Ref No.	Model No.	Alternative Model No.	Labelled
010m/01	55000-885	ADR-885 23900-K130 55000-885 55000-885ADV DP951T	Olympia Electronics Kidde Context Plus Advanced Electronics Aritech
010	45681-210	23900-H05 45681-210 DB950	Kidde Context Plus Aritech
010	45681-209	EBI-12	ESMI

For details of Cross-Listed products and alternative branding please see page 3.

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Signed on behalf of the LPCB

Name: E MATTIE-SULEIMAN

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Date of Issue 28 November 2006

Issue No. 10

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EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 0256

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

55000-885 XP95 Analogue addressable photoelectric multi-sensor detector for use in fire detection and alarm systems

(For conditions of use for the product see the attached appendix)

placed on the market by

**Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire PO9 1JR**

and produced in the factory

**Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire PO9 1JR**

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Certification Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

EN 54 - 7: 2000 + A1: 2002 - Fire detection and fire alarm systems - Smoke detectors - Point detectors using scattered light, transmitted light or ionization

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 14/7/2005 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.



Eman Mattie-Suleiman
For and on behalf of BRE Certification Limited

Date of Issue: 17/11/2006
Issue Number: 4
Page: 1 of 3

BRE Certification Limited and LPCB

Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX

Telephone: 01923 664100 Fax: 01923 664603 E-mail: enquiries@bre-certification.co.uk Web: www.bre-certification.co.uk

Appendix to EC Certificate of conformity 0832 - CPD - 0256

The details and conditions of use for the 55000-885 XP95 Analogue addressable photoelectric multi-sensor detector, placed on the market by Apollo Fire Detectors Limited are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (where applicable):

Bases:

45681-210 mounting base

45681-209 XP95/Discovery standard deep mounting base



Eman Mattie-Suleiman

For and on behalf of BRE Certification Limited

Date of Issue: 17/11/2006

Issue Number: 4

Page: 2 of 3

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BRE Certification Limited and LPCB

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Telephone: 01923 664100 Fax: 01923 664603 E-mail: enquiries@bre-certification.co.uk Web: www.bre-certification.co.uk

Appendix to EC Certificate of conformity 0832 - CPD - 0256

ALTERNATIVE MODEL NUMBERS AND LABELLING

Alternative Name	Distributed by
55000-885ADV	Advanced Electronics
DP951T	GE Security B.V (Aritech)



Eman Mattie-Suleiman
For and on behalf of BRE Certification Limited

Date Of Issue: 17/11/2006
Issue Number: 4
Page: 3 of 3

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Loss Prevention Certification Board

This is to certify

APOLLO FIRE DETECTORS LIMITED
36 Brookside Road, Havant, Hampshire PO9 1JR

is authorised to use the LPCB mark in association with the
product(s) listed in this certificate and appendix.

**55100-908, 58100-908,
58100-905 and 58100-951**

which have complied with the requirements of the following:

**EN 54: Part 11: 2001 - Fire detection and alarm systems
- Part 11: Manual call points and
EN 54: Part 17: 2005 - Fire detection and fire alarm systems
- Part 17: Short-circuit isolators**

Certificate No. 010w

Issue No. 04

Date of Issue 2 June 2009

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Signed on behalf of the LPCB

Name: P STEVENS



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APPENDIX TO CERTIFICATE NO. 010w

APOLLO FIRE DETECTORS LIMITED

Products		LPCB Ref. No.
55100-908	XP95 analogue addressable manual call point with short circuit isolator and surface mounting box	010w/01
58100-908	Discovery analogue addressable manual call point with short circuit isolator and surface mounting box	010w/03
58100-905	Discovery analogue addressable manual call point with short circuit isolator, glass frangible element and surface mounting box	010w/05
58100-951	Discovery analogue addressable waterproof manual call point with short circuit isolator	010w/06

For details of Cross-Listed products and alternative branding please see page 3.

This certificate is valid until withdrawn by LPCB.
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Signed on behalf of the LPCB

Name: P STEVENS

Page 2 of 3

Date of Issue 2 June 2009

Issue No. 04

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APPENDIX TO CERTIFICATE NO. 010w

APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert / Ref. No.
010w/01	55100-908	DMN 960I 213-0051 55100-908 IMC	Aritech AMPAC Context Plus	
010w/03	58100-908	EPP-20 DMN 990I FADY-400-ISO 58100-908 ADV 213-0053 NV-II-MCP	ESMI Aritech Emergi-Lite Advanced Electronics AMPAC Nitin Ventures FZE	010w-(cl-1)
010w/05	58100-905	EPP-21	ESMI	
010w/06	58100-951	EPP-22	ESMI	

For details of Cross-Listed products and alternative branding please see page 3.

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Date of Issue 2 June 2009

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EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 0796

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

55100-908 XP95 analogue addressable manual call point with short circuit isolator for use in fire detection and alarm systems

(For conditions of use for the product see the attached appendix)

placed on the market by

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire PO9 1JR

and produced in the factory

KAC Alarm Company Ltd
KAC House, Thornhill Road, North Moons Moat, Redditch, Worcestershire, B98 9ND

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Certification Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

EN 54 - 11: 2001 + A1: 2005 - Fire detection and fire alarm systems - Manual call points and
EN 54 - 17: 2005 - Fire detection and fire alarm systems - Short circuit isolators

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 21/8/2008 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.

Paul Stevens
For and on behalf of BRE Certification Limited

Date of Issue: 21/8/2008
Issue Number: 1
Page: 1 of 2

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Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX

Telephone: 01923 664100 Fax: 01923 664603 E-mail: enquiries@bre-certification.co.uk Web: www.bre-certification.co.uk

Appendix to EC Certificate of conformity 0832 - CPD - 0796

The details and conditions of use for the 55100-908 XP95 analogue addressable manual call point with short circuit isolator, placed on the market by Apollo Fire Detectors Limited 36 Brookside Road, Havant, Hampshire PO9 1JR are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Ancillaries:

Surface mounting box



Paul Stevens

For and on behalf of BRE Certification Limited

Date of Issue: 21/8/2008

Issue Number: 1

Page: 2 of 2

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To check the authenticity of this certificate, please visit our website or contact us.

Loss Prevention Certification Board



This is to certify

APOLLO FIRE DETECTORS LIMITED
36 Brookside Road, Havant, Hampshire PO9 1JR

is authorised to use the LPCB mark in association with the
products listed in this certificate and appendix.

XP95 Sounders
(refer to attached appendix for details)

which have complied with the requirements of the following:

**EN 54-3: 2001 + A1: 2002 + A2: 2006 - Fire detection and fire alarm systems
- Sounders**

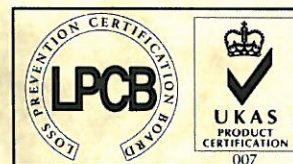
Certificate No. 010ak

Issue No. 01

Date of Issue 3 August 2009

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Signed on behalf of the LPCB



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APPENDIX TO CERTIFICATE NO. 010ak

APOLLO FIRE DETECTORS LIMITED

Products		LPCB Ref. No.
55000-001	XP95 Type B intelligent open area sounder (Red) <i>Note:</i> 1) <i>Meets the requirements of EN 54-3:2001 at the following tones:</i> <i>Apollo standard-840Hz, 0.5s/558Hz, 0.5s</i> <i>Dutch (slow whoop)- 500-1200Hz in 3.5s, 0.5s off</i> <i>German DIN-1200-500Hz over 1s</i>	010ak/01
55000-002	XP95 Type B intelligent open area sounder (White) <i>Note:</i> 1) <i>Meets the requirements of EN 54-3:2001 at the following tones:</i> <i>Apollo standard-840Hz, 0.5s/558Hz, 0.5s</i> <i>Dutch (slow whoop)- 500-1200Hz in 3.5s, 0.5s off</i> <i>German DIN-1200-500Hz over 1s</i>	010ak/02
55000-005	XP95 Type B intelligent open area sounder beacon (Red) <i>Note:</i> 1) <i>Meets the requirements of EN 54-3:2001 at the following tones:</i> <i>Apollo standard-840Hz, 0.5s/558Hz, 0.5s</i> <i>Dutch (slow whoop)- 500-1200Hz in 3.5s, 0.5s off</i> <i>German DIN-1200-500Hz over 1s</i>	010ak/03
55000-006	XP95 Type B intelligent open area sounder beacon (White) <i>Note:</i> 1) <i>Meets the requirements of EN 54-3:2001 at the following tones:</i> <i>Apollo standard-840Hz, 0.5s/558Hz, 0.5s</i> <i>Dutch (slow whoop)- 500-1200Hz in 3.5s, 0.5s off</i> <i>German DIN-1200-500Hz over 1s</i>	010ak/04

Bases:

45681-517 Enhanced deep isolating base (White)
45681-518 Enhanced deep isolating base (Red)

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Signed on behalf of the LPCB

Name: P STEVENS

Page 2 of 2

Date of Issue 3 August 2009

Issue No. 01

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Loss Prevention Certification Board



This is to certify

APOLLO FIRE DETECTORS LIMITED
36 Brookside Road, Havant, Hampshire PO9 1JR

is authorised to use the LPCB mark in association with the
products listed in this certificate and appendix.

Range of XP95 short circuit isolators and isolating bases
(refer to attached appendix for details)

which have complied with the requirements of the following:

**EN 54-17: 2005 - Fire detection and fire alarm systems -
Short-circuit isolators**

Certificate No. 010aa

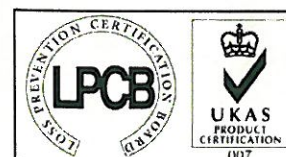
Issue No. 05

Date of Issue 3 August 2009

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APPENDIX TO CERTIFICATE NO. 010aa

APOLLO FIRE DETECTORS LIMITED

Products		LPCB Ref. No.
45681-284	XP95 Discovery short circuit isolating base	010aa/01
45681-321	XP95 20D negative short circuit isolating base	010aa/02
45681-323	XP95 20D positive short circuit isolating base	010aa/03
55000-710	XP95 20D positive short circuit isolator	010aa/04
55000-720	XP95 20D negative short circuit isolator	010aa/05
55000-802	XP95 analogue addressable DIN-rail dual isolator	010aa/06
45681-517	Enhanced deep isolating base (White)	010aa/07
45681-518	Enhanced deep isolating base (Red)	010aa/08

For details of Cross-Listed products and alternative branding please see page 3.

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Page 2 of 3

Date of Issue 3 August 2009

Issue No. 05

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APPENDIX TO CERTIFICATE NO. 010aa

APOLLO FIRE DETECTORS LIMITED

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor Cert/Ref. No.
010aa/01	45681-284	NV-IA-IB	Nitin Ventures FZE	010aa-(cl-1)

For details of Cross-Listed products and alternative branding please see page 3.

This certificate is valid until withdrawn by LPCB.
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Signed on behalf of the LPCB

Name: P STEVENS

Page 3 of 3

Date of Issue 3 August 2009

Issue No. 05

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Loss Prevention Certification Board



This is to certify

TALENTUM DEVELOPMENTS LTD

Beal Lane, Shaw, Oldham, Lancashire, OL2 8PF

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

016589, 016689, 016579, 016679, 016519, 016619, 016581, 016681, 016571, 016511, 016611, 016591 and 016521 Flame detectors

which have complied with the requirements of the following:
(refer to attached appendix)

**EN 54-10: 2002 + A1:2005 Fire detection and fire alarm systems
Flame detectors – Point detectors**

Certificate No. 729a

Issue No. 04

Date of Issue 20 February 2009

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

Name:  N. DANIYEL



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APPENDIX TO CERTIFICATE NO. 729a

TALENTUM DEVELOPMENTS LTD

Products	LPCB Ref. No.
016589 Conventional IR ³ Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/01
016689 Analogue Addressable IR ³ Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/02
016579 Conventional IR ³ Intrinsically Safe Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/03
016679 Analogue Addressable IR ³ Intrinsically Safe Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/04
016519 Conventional IR ³ (Exd) Flameproof Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/05
016619 Analogue Addressable IR ³ (Exd) Flameproof Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/06
016581 Conventional IR ² Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/07
016681 Analogue Addressable IR ² Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/08

Continued.....

For details of Cross-Listed products and alternative branding please see page 4

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Signed on behalf of the LPCB

Page 2 of 4

Date of Issue 20 February 2009

Issue No. 04


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Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 729a

TALENTUM DEVELOPMENTS LTD

Products	LPCB Ref. No.
016571 Conventional IR ² Intrinsically Safe Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/09
016511 Conventional IR ² (Exd) Flameproof Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/10
016611 Analogue Addressable IR ² (Exd) Flameproof Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/11
016591 Conventional UV/IR ² Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/12
016521 Conventional UV/IR ² (Exd) Flameproof Flame Detector (007127) <i>Note: Meets EN 54-10: 2002 at Class 1 only</i>	729a/13

Ancillaries

007127 Mounting Bracket

For details of Cross-Listed products and alternative branding please see page 4

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Signed on behalf of the LPCB

Page 3 of 4

Date of Issue 20 February 2009

Issue No. 04

Name: N DANIYEL

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Certificate of Quality System Registration

KENTEC ELECTRONICS LIMITED
Units 25-27, Fawkes Avenue, Questor,
Dartford, Kent DA1 1JQ

has complied with the requirements of the following:

ISO 9001:2000

And is authorised to use the LPCB mark on stationery
and publications related to the following products
and/or services

**Design, manufacture, sales and services of control panels for fire
detection, extinguishing release, sprinkler systems, water and smoke
detection, associated power supplies and battery chargers including metal
fabrication, powder coating and silk screening of enclosures.**

Tracie Hunter,

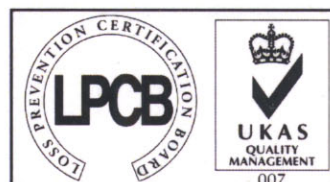
T A Hunter

for and on behalf of the LPCB

Certificate No: 360

Issue Number: 08

Date of Issue: 06 February 2009



breglobal

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No. KM 73505

BSI hereby grants to:

Kentec Electronics Limited
Unit 25-27 Dartford Trade Park
Fawkes Avenue
Dartford
DA1 1JQ
United Kingdom

In respect of:

BS EN 54-2 & BS EN 54-4

Fire Panel & Power Supplies

the right and Licence to use the Kitemark in accordance with the Kitemark Licence Conditions of Contract governing the use of the Kitemark, as may be updated from time to time by BSI, and as approved by the Registrar under the Trade Marks Act 1994 (the "Conditions"). All defined terms in this Licence shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Licence provided at or from the above address.

For and on behalf of BSI:

Alastair Trivett, Managing Director, BSI Product Services – Global



First granted: 5 Aug 2003

Date: 11 Feb 2008

Page: 1 of 6



The licence remains the property of BSI and shall be returned immediately upon request. This licence does not expire. To check its validity telephone: +44 (0)1442 230442
BSI is incorporated by Royal Charter

BSI
Product Services

BSI Product Services

Maylands Avenue, Hemel Hempstead, Hertfordshire HP2 4SQ United Kingdom
Tel: +44 (0)1442 230442 Website: www.bsi-global.com

BSI Group Headquarters: 389 Chiswick High Road, London W4 4AL Tel: +44 (0)208 996 9000



No. KM 73505

Kentec Electronics Limited

Dartford

BS EN 54 Part 2: 1998 and BS EN 54 Part 4: 1998

Model	Type
K11020M2	Sigma CP 2 Zone Conventional Control and Indicating Equipment
K11040M2	Sigma CP 4 Zone Conventional Control and Indicating Equipment
K11080M2	Sigma CP 8 Zone Conventional Control and Indicating Equipment
T11020M2	Sigma CP 2 Zone Conventional 2 Wire Control and Indicating Equipment
T11040M2	Sigma CP 4 Zone Conventional 2 Wire Control and Indicating Equipment
T11080M2	Sigma CP 8 Zone Conventional 2 Wire Control and Indicating Equipment

Certified for use with Apollo series 30, 60 & 65, Apollo Sav-Wire, Fulleon, Hochiki, Hochiki Sav-Wire, Nittan, Notifier and MorleyIAS ECO1000, KAC fire detection and alarm devices and MTL778ac and MTL5061 intrinsically safe barriers. Also, certified as suitable for use with the Sigma CP-R repeater and ancillary board.

Options with requirements

Certified with the following options with requirements from BS EN 54 Part 2: 1998

Output to fire alarm devices (clause 7.8)
Delays to outputs (clause 7.11)
Test condition (clause 10)

The following BSI Test Reports refer:

244/4427392, 305002, 222/4427388, 288/4427390, 228/4427387, 244/4606391, 244/4725983
&228/4725982

First granted: **5 Aug 2003**

Date: **11 Feb 2008**

Page: 2 of 6



No. KM 73505

Kentec Electronics Limited

Dartford

BS EN 54 Part 2: 1998 and BS EN 54 Part 4: 1998

Model	Type
Syncro	2 Loop Analogue Addressable Control and Indicating Equipment
Syncro	2 Loop 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro	2 Loop 48 Zone Analogue Addressable Control and Indicating Equipment
Syncro	2 Loop 96 Zone Analogue Addressable Control and Indicating Equipment
Syncro	4 Loop Analogue Addressable Control and Indicating Equipment
Syncro	4 Loop 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro	4 Loop 48 Zone Analogue Addressable Control and Indicating Equipment
Syncro	4 Loop 96 Zone Analogue Addressable Control and Indicating Equipment

Certified for use with Apollo xplorer, XP95, Discovery, Hochiki ESP and Argus Vega fire detection and alarm devices and in both Flush and Surface mountable enclosure types.

The Syncro range of CIE are certified with an integral S232SYN printer, enable key switch and integral or external PSE.

Certified for use with the following optional boards:

- S545 4 Way Zone Card
- S546 6 Way Sounder Card
- S547 8 Way Relay Card
- S555 Network Card
- S560 16 Channel I/O Card

First granted: **5 Aug 2003**

Date: **11 Feb 2008**

Page: 3 of 6

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BSI Group Headquarters: 389 Chiswick High Road, London W4 4AL Tel: +44 (0)208 996 9000



No. KM 73505

Kentec Electronics Limited

Dartford

Options with requirements

Certified with the following options with requirements from BS EN 54 Part 2: 1998:

- Output to fire alarm devices (clause 7.8)
- Output to fire alarm routing equipment (clause 7.9)
- Output to fire protection equipment (clause 7.10)
- Delays to outputs (clause 7.11)
- Coincidence detection (clause 7.12)
- Fault signals from points (clause 8.3)
- Disablement of addressable points (clause 9.5)
- Test condition (clause 10)

The following BSI Test Reports refer:

244/4479447, 407002, 222/4479444, 288/4479443, 228/4479445
228/4716716, 244/4479477

First granted: **5 Aug 2003**

Date: **11 Feb 2008**

Page: 4 of 6

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No. KM 73505

Kentec Electronics Limited

Dartford

BS EN 54 Part 2: 1998 and BS EN 54 Part 4: 1998

Model	Type
Syncro AS	1 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro AS Lite	1 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro AS Marine	1 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro AS	2 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro AS Marine	2 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment

Certified for use with Apollo xplorer, XP95, Discovery, Hochiki ESP and Hochiki America and Argus Vega fire detection and alarm devices and in both Flush and Surface mountable enclosure types.

Options with requirements

Certified with the following options with requirements from BS EN 54 Part 2: 1998:

- Output to fire alarm devices (clause 7.8)
- Delays to outputs (clause 7.11)
- Coincidence detection (clause 7.12)
- Fault signals from points (clause 8.3)
- Disablement of addressable points (clause 9.5)
- Test condition (clause 10)

First granted: **5 Aug 2003**

Date: **11 Feb 2008**

Page: 5 of 6

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No. KM 73505

Kentec Electronics Limited

Dartford

Certified for use with the following optional boards:

S545 4 Way Zone Card
S546 6 Way Sounder Card
S547 8 Way Relay Card
S555 Network Card
S560 16 Channel I/O Card

The following BSI Test Reports refer:

244/7000367 1 of 2, 244/7000367 2 of 2, 244/7138115, 222/7000365, 228/4944547 1 of 3,
228/4944547 2 of 3, 703002 and 228/7161856

BS EN 54 Part 2: 1998 and BS EN 54 Part 4: 1998

Model	Type
ENK15400 01	4 Amp Standalone Switch Mode Power Supply Equipment incorporating ENS400 chassis PSE

The following BSI Test Reports refer:

244/4463486, 222/4463483, 288/4463487 and 228/4463485

First granted: **5 Aug 2003**

Date: **11 Feb 2008**

Page: 6 of 6

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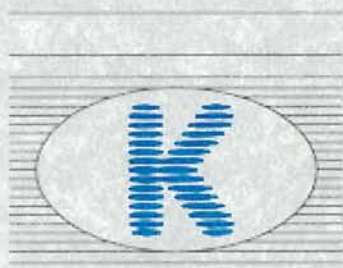
Maylands Avenue, Hemel Hempstead, Hertfordshire HP2 4SQ United Kingdom
Tel: +44 (0)1442 230442 Website: www.bsi-global.com

BSI Group Headquarters: 389 Chiswick High Road, London W4 4AL Tel: +44 (0)208 996 9000



Certificate of Compatibility

We are pleased to confirm that



Kentec Electronics Ltd

Syncro AS - Analogue Addressable Fire Alarm Control Panel

Type – EN54

Software Version – 5.23 UK

has been tested and approved for use with
XPlorer[®], XP95[®] and Discovery[®] digital communications protocols
and devices in accordance with Apollo test schedule TSP 01

Observations are listed in Appendix A attached

Project no: TSE 243

Certificate no: 132

Issued on: 23rd January 2009

Signed:

S. Flavell, Technical Sales Supervisor

P. Smith, Marketing Director



Certificate of Compatibility – Appendix A

The following XP95 feature is not supported:

Group Address

The following Discovery feature is not supported:

Drift Compensation Value

(viewable)

User Bytes (E² location 11)

User Bytes (E² location 12)

User Bytes (E² location 13)

User Bytes (E² location 14)

Month of Manufacture (viewable)

Approval Code

Conventional Alarm Facility

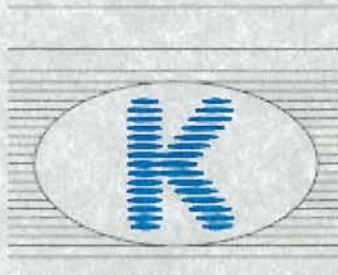
Project no: TSE 243

Certificate no: 131 - 133



Certificate of Compatibility

We are pleased to confirm that



Kentec Electronics Ltd

Syncro - Analogue Addressable Fire Alarm Control Panel

Type – EN54
Software Version – 5.92a

has been tested and approved for use with
XPlover[®], XP95[®] and Discovery[®] digital communications protocols
and devices in accordance with Apollo test schedule TSP 01


Observations are listed in Appendix A attached

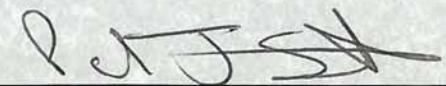
Project no: TSE 243

Certificate no: 131

Issued on: 23rd January 2009

Signed:


S. Flavell, Technical Sales Supervisor


P. Smith, Marketing Director



Certificate of Compatibility – Appendix A

The following XP95 feature is not supported:

Group Address

The following Discovery feature is not supported:

Drift Compensation Value

(viewable)

User Bytes (E² location 11)

User Bytes (E² location 12)

User Bytes (E² location 13)

User Bytes (E² location 14)

Month of Manufacture (viewable)

Approval Code

Conventional Alarm Facility

Project no: TSE 243

Certificate no: 131 - 133



VdS Schadenverhütung GmbH • Amsterdamer Straße 172-174 • D-50735 Köln

Notifizierte Zertifizierungsstelle für Bauprodukte • Kenn-Nummer 0786
Notified Certification Body for Construction Products • Registration No. 0786

EG-Konformitätszertifikat EC-Certificate of Conformity

0786 – CPD - 20045

Gemäß der Richtlinie 89/106/EWG des Rates der Europäischen Gemeinschaften vom 21. Dezember 1988 zur Angleichung der Rechts- und Verwaltungsvorschriften der Mitgliedstaaten über Bauprodukte (Bauproduktenrichtlinie – CPD), geändert durch die Richtlinie 93/68/EWG des Rates der Europäischen Gemeinschaften vom 22. Juli 1993, wird hiermit bestätigt, dass das Bauprodukt

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

**Linienförmiger Rauchmelder
FIRERAY 50R; 50RV; 100R; 100RV**

**Optical beam smoke detector
FIRERAY 50R; 50RV; 100R; 100RV**

(Produktmerkmale siehe Anlage 1)

(Product parameters see appendix 1)

in Verkehr gebracht durch

placed on the market by

**Fire Fighting Enterprises Ltd.
9 Hunting Gate, Wilbury Way
Hitchin, Hertfordshire, SG4 OTJ, GB**

und erzeugt im Herstellwerk

and produced in the factory

**Fire Fighting Enterprises Ltd.
9 Hunting Gate, Wilbury Way
Hitchin, Hertfordshire, SG4 OTJ, GB**

durch den Hersteller einer werkseigenen Produktionskontrolle sowie zusätzlichen Prüfungen von im Werk entnommenen Proben nach festgelegtem Prüfplan unterzogen wird und dass die notifizierte Stelle VdS Schadenverhütung GmbH eine Erstprüfung der relevanten Eigenschaften des Produkts, eine Erstinspektion des Werkes und der werkseigenen Produktionskontrolle durchgeführt hat und eine laufende Überwachung, Beurteilung und Anerkennung der werkseigenen Produktionskontrolle durchführt.

Dieses Zertifikat bescheinigt, dass alle Vorschriften über die Bescheinigung der Konformität und die Leistungseigenschaften, beschrieben im Anhang ZA der Norm(en)

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body VdS Schadenverhütung GmbH has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in the Annex ZA of the standard

EN 54/12 : 2002

angewendet wurden und dass das Produkt alle darin vorgeschriebenen Anforderungen erfüllt.

Dieses Zertifikat wurde erstmals am 11.05.2005 ausgestellt und gilt solange, wie die Festlegungen in der angeführten harmonisierten technischen Spezifikation oder die Herstellbedingungen im Werk oder die werkseigene Produktionskontrolle selbst nicht wesentlich verändert werden.

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 11.05.2005 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Köln, 06.10.2006


(i. V. Lüttenberg)

Leiter der Zertifizierungsstelle
Head of Certification Body

**Anlage 1 (Seite 2/2) zu EG-Konformitätszertifikat
Appendix 1 (page 2/2) to EC-Certificate of Conformity**

0786 – CPD – 20045

06.10.2006

Produktmerkmale / Product parameters

Line smoke detector using an optical beam for use in fire detection and fire alarm systems

Realisation 50 R; 50 RV

Range at conventional installation: 5 m up to 50 m

Realisation 100 R; 100RV

Range at conventional installation: 50 m up to 100 m

Installation, selection and adjust of threshold levels according to Fire Fighting Enterprises Ltd. installation guide 22318.24.01 and/or installation guide of sales organisation.

Components of identical construction distributed with new component designations by organisations as listed below:

component of Fire Fighting Enterprises Ltd., Hitchin, GB	represented by component	branded as	distributed by
FIRERAY 50RV	FD705RVDS	GE	GE Security Excelsiorlaan 28, 1930 Zaventum, Belgium
FIRERAY 100RV	FD710RVDS	GE	GE Security Excelsiorlaan 28, 1930 Zaventum, Belgium
FIRERAY 50RV	516.015.011	Thorn	Thorn Security Ltd. trading as Tyco Electronic Product Group Security House, The Summit, Hanworth Road Sunbury-on-Thames, Middlesex TW16 5DB, GB
FIRERAY 100RV	516.015.012	Thorn	Thorn Security Ltd. trading as Tyco Electronic Product Group Security House, The Summit, Hanworth Road Sunbury-on-Thames, Middlesex TW16 5DB, GB
FIRERAY 50RV	Fyreye 50RV	GLT	Zeta Alarm Systems 72 Morfa Road Hafod, Swansea SA1 2EN, GB
FIRERAY 100RV	Fyreye 100RV	GLT	Zeta Alarm Systems 72 Morfa Road Hafod, Swansea SA1 2EN, GB

**Anlage 1 (Seite 1/2) zu EG-Konformitätszertifikat
Appendix 1 (page 1/2) to EC-Certificate of Conformity**

0786 – CPD – 20045

06.10.2006

Produktmerkmale / Product parameters

Linienförmiger Rauchmelder nach dem Durchlichtprinzip zur Verwendung in Brandmeldeanlagen

Ausführung 50 R; 50 RV:

Reichweite bei bestimmungsgemäßer Montage: 5 m bis 50 m

Ausführung 100 R; 100RV:

Reichweite bei bestimmungsgemäßer Montage: 50 m bis 100 m

Installation und Einstellung der Alarm-Schwellwerte gemäß Bedienungsanleitung 22318.24.01 der Fire Fighting Enterprises Ltd. und/oder der Bedienungsanleitung der vertreibenden Organisation.

Baugleiches Bauprodukt, vertrieben mit neuer Produktbezeichnung durch die in nachstehender Liste benannten Organisationen:

Bauprodukt der Fire Fighting Enterprises Ltd., Hitchin, GB	entspricht Bauprodukt	verwendeter Handels- name	vertrieben durch
FIRERAY 50 RV	FD705RVDS	GE	GE Security Excelsiorlaan 28, 1930 Zaventum, Belgien
FIRERAY 100 RV	FD710RVDS	GE	GE Security Excelsiorlaan 28, 1930 Zaventum, Belgien
FIRERAY 50 RV	516.015.011	Thorn	Thorn Security Ltd. trading as Tyco Electronic Product Group Security House, The Summit, Hanworth Road Sunbury-on-Thames, Middlesex TW16 5DB, GB
FIRERAY 100 RV	516.015.012	Thorn	Thorn Security Ltd. trading as Tyco Electronic Product Group Security House, The Summit, Hanworth Road Sunbury-on-Thames, Middlesex TW16 5DB, GB
FIRERAY 50 RV	Fyreye 50RV	GLT	Zeta Alarm Systems 72 Morfa Road Hafod, Swansea SA1 2EN, GB
FIRERAY 100 RV	Fyreye 100RV	GLT	Zeta Alarm Systems 72 Morfa Road Hafod, Swansea SA1 2EN, GB



Certificate

of Approval of Components and Systems

Holder of the Approval:

Fire Fighting Enterprises Ltd.
9 Hunting Gate

GB- Hitchin, Herts, SG4 0TJ

Approval No:	No. of pages:	Valid from:	Valid to:
G 203070	9	13.02.2006	12.02.2010

Subject matter of the Approval

Line type smoke detector
Typen FireRay 50 RV; 100 RV

Use:

in Automatic Fire Detection Systems

Basis for approval:

EN 54, Part 12 (12/02) - Components of Automatic Fire
Detection Systems, Smoke Detectors - Line Type Detectors acc.
to the Transmitted Light Type
VdS 2504 (12/96) - Smoke Detectors, Sect. 5.6
VdS 2344 (02/99) - Procedure Guidelines

Köln (Cologne), 12.04.2006



Schüngel

Managing Director



i.V. Lüttenberg

Head of the VdS Certification Body



DAT-ZE 005/92-32

VdS Schadenverhütung GmbH
Zertifizierungsstelle
Amsterdamer Str. 171
D-50735 Köln

A company of the Gesamtverband
der Deutschen Versicherungswirt-
schaft e.V. (German Federation of
Insurance Companies)

Accredited by the "Deutscher
Akkreditierungsausschuss Technik
(DAtech)" as a certification body
for the areas of fire protection
and security

Enclosure 1

Sheet 1

To Certificate of Approval No. G 203070

Date 07.04.2006

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
Optical line type smoke detector	FireRay 50RV		
Optical line type smoke detector	FireRay 100RV		
Low Level Controller	LLC		

Enclosure 2

Sheet 1

To Certificate of Approval No. G 203070

Date 12.04.2006

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
VdS Test Report No. BMA 03057, dated 07.11.2003			
VdS Software-Test Report No. SW-2001210, dated 24.10.2003			
FireRay 50RV			
Approval Documents List	0206-09-01	18.03.03	2
General Assembly	0206-09-02, issue 2	24.03.04	2
50RV P.C.B. Assembly	0208-04-02, issue 2	15.03.04	1
P.C.B. Assembly	0208-05, issue 5	12.03.04	2
Dual LED Cable Assy.	0423-01, issue 1	13.11.02	1
Power/Data Cable Assy.	0225-01(1), issue 1(1)	19.06.01	1
General Assembly	IL0206-09-02, issue 2	24.03.04	1
50RV P.C.B. Assembly	IL0208-04-02, issue 2	15.03.04	1
P.C.B. Assembly	IL0208-05, issue 5	12.03.04	4
Dual LED Cable Assy.	IL0423-01, issue 1	13.11.02	1
Power/Data Cable Assy.	IL0225-01, issue 1	30.05.01	1
50RV Control Software	0457-01, issue 1	17.03.03	
CPU Circuit Diagram	0208-02CPU, issue 2	15.04.04	2
Interface Circuit Diagram	0208-02Interface, issue 2	31.07.03	2
Transmitter Circuit Diagram	0208-03Transmitter, issue 3	06.01.03	2
Receiver Circuit Diagram	0208-01Receiver, issue 1	20.06.01	2
Installation Guide (English)	22318.18.02, issue 1	23.10.03	12

Enclosure 2

Sheet 2

To Certificate of Approval No. G 203070

Date 12.04.2006

The approved component/system is described as follows:

Type of document	Manufacturer's Identification	Date	Number of Pages
Installation Guide (German)	22318.19.02 issue 1	23.10.03	12
Thumb Wheel	0035-B, issue B	26.03.01	1
Divider	0038-03, issue 3	19.09.02	1
Back Moulding C/W Gasket	0041-02(3), issue 2(3)	15.11.01	1
Inner Moulding	0042-02(1), issue 2(1)	15.11.01	1
Outer Cover Moulding (C/W 50R Graphics)	0043-00-02, issue 2	20.11.02	1
Spring Post	0199-02(2), issue 2(2)	04.07.01	1
Backplate	0204-A(4), issue A(4)	04.07.01	1
Test Filter	0209-01, issue 1	06.06.01	1
M3 Stud	0223-01, issue 1	02.05.01	1
Label (Power/Data Connection)	0226-02, issue 2	16.12.02	1
Label (Mode Switch)	0227-01, issue 1	24.05.01	1
Label (DIP Switch)	0230-01, issue 1	24.05.01	1
Label (50RV)	0431-03, issue 3	24.03.04	1
Inner Moulding (Painted)	0235-01, issue 1	29.05.01	1
PCB Label (50RV)	0459-03, issue 3	22.03.04	1
Alternative Reflective Prism (Hella)	0270-01, issue 1	09.11.01	1
Seal (Ncopenre Sponge Cord)	0275-01, issue 1	14.11.01	1
Lens, Clear	19828.02.E, issue E	19.03.04	1
CE Marking/Serial No. Label	23097.00.B(1), issue B(1)	14.01.00	1
Reflective Prism (IMO) C/W Polybag	23901.01.A, issue A	25.01.99	1

Enclosure 2

Sheet 3

To Certificate of Approval No. G 203070

Date 12.04.2006

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
FireRay 100RV			
Approval Documents List	0206-10-01	18.03.03	2
General Assmbl	0206-10-02, issue 2	24.03.04	2
100RV P.C.B. Assembly	0208-05-02, issue 2	15.03.04	1
P.C.B. Assembly	0208-05, issue 5	12.03.04	2
Dual LED Cable Assy.	0423-01, issue 1	13.11.02	1
Power/Data Cable Assy.	0225-01(1), issue 1(1)	19.06.01	1
General Assembly	IL0206-10-02, issue 2	24.03.04	2
100RV P.C.B. Assembly	IL0208-05-02, issue 2	15.03.04	1
P.C.B. Assembly	IL0208-05, issue 5	12.03.04	4
Dual LED Cable Assy.	IL0423-01, issue 1	13.11.02	1
Power/Data Cable Assy.	IL0225-01, issue 1	30.05.01	1
100RV Control Software	0458-01, issue 1	17.03.03	
CPU Circuit Diagram	0208-02CPU, issue 2	15.04.04	2
Interface Circuit Diagram	0208-02Interface, issue 2	31.07.03	2
Transmitter Circuit Diagram	0208-03Transmitter, issue 3	06.01.03	2
Receiver Circuit Diagram	0208-01Receiver, issue 1	20.06.01	2
Installation Guide (English)	22318.18.02, issue 02	23.10.03	12
Installation Guide (German)	22318.19.02, issue 02	23.10.03	12
Thumb Wheel	0035-B, issue B	26.03.01	1
Divider	0038-03, issue 3	19.09.02	1
Back Moulding C/W Gasket	0041-02(3), issue 2(3)	15.11.01	1
Inner Moulding	0042-02(1), issue 2(1)	15.11.01	1

Enclosure 2

Sheet 4

To Certificate of Approval No. G 203070

Date 12.04.2006

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Outer Cover Moulding (C/W 100R Graphics)	0043-01-02(1), issue 2(1)	23.10.03	1
Spring Post	0199-02(2), issue 2(2)	04.07.01	1
Backplate	0204-A(4), issue A(4)	04.07.01	1
Test Filter	0209-01, issue 1	06.06.01	1
M3 Stud	0223-01, issue 1	02.05.01	1
Label (Power/Data Connection)	0226-02, issue 2	16.12.02	1
Label (Mode Switch)	0227-01, issue 1	24.05.01	1
Label (DIP Switch)	0230-01, issue 1	24.05.01	1
Label 100RV	0432-03, issue 3	24.03.04	1
Inner Moulding (Painted)	0235-01, issue 1	29.05.01	1
PCB Label (100RV)	0460-03, issue 3	22.03.04	1
Alternative Reflective Prism (Hella)	0270-01, issue 1	09.11.01	1
Seal (Neoprene Sponge Cord)	0275-01, issue 1	14.11.01	1
Lens, Clear	19828.02.E, issue E	19.03.04	1
CE Marking/Serial No. Label	23097.00.B(1), issue B(1)	14.01.00	1
Reflective Prism (IMO) C/W Polybag	23901.01.A, issue A	25.01.99	1
Low Level Contoller (LLC)			
Low Level Controller Assy.	0400-02-02, issue 2	01.11.04	2
Potting Box/PCB Assy.	0410-01-04, issue 4	19.03.03	1
Potting Box/PCB Assy.	0601-02, issue 4	01.11.04	1
P.C.B. Assy:	0321-04, issue 4	01.11.04	1
Connector/Cable Assy.	0404-01, issue 1	08.11.02	1

Enclosure 2

Sheet 5

To Certificate of Approval No. G 203070

Date 12.04.2006

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Low Level Controller Assy.	IL0400-02-02, issue 2	01.11.04	2
Potting Box/PCB Assy.	IL0410-01-04, issue 4	19.03.03	1
Potting Box/PCB Assy.	IL0601-02, issue 2	01.11.04	1
P.C.B. Assy:	IL0321-04, issue 4	01.11.04	1
Connector/Cable Assy.	IL0404-01, issue 1	06.11.02	1
PCB Schematic	0321-04Schematic, issue 4	10.06.04	1
Potting Box	0413-01, issue 1	06.11.02	1
Drilled Potting Box	0414-01, issue 1	06.11.02	1
Potting Compound Spec.	0415-01, issue 1	06.11.02	1
Control Software	0433-02, issue 2	19.03.03	1
Control Software	0597-01, issue 1	17.10.03	1
Fascia Plate	0462-00-01, issue 1	27.03.03	1
Fascia Plate (Machined)	0462-01-01, issue 1	27.03.03	1
Terminal Block (4-Way)	0464-01, issue 1	26.03.03	1
Installation Guide (English)	22318.21.01, issue 1	07.03.03	1
Installation Guide (German)	22318.24.01, issue 1	19.05.03	1
Product Label	0452-01, issue 1	07.03.03	1
FFE Info Label	0454-01, issue 1	07.03.03	1
Part No. Label (Connector/Cable Assy.)	0406-01, issue 1	06.11.02	1
Wiring Lable	0409-01, issue 1	06.11.02	1
Part No./Checksum Label	0412-01-04, issue 4	19.03.03	1
Part No. Label	0602-02, issue 2	01.11.04	1

Enclosure 2

Sheet 6

To Certificate of Approval No. G 203070

Date 12.04.2006

The approved component/system is described as follows.

Type of document	Manufacturer's identification	Date	Number of Pages
Product Label	0452-02, issue 2	01.11.04	1
FFE Info Label	0454-01, issue 1	07.03.03	1
Key Switch	0416-01, issue 1	31.03.03	1
Fascia Plate (Machined and Printed)	0462-02-01, issue 01	27.03.03	1
Terminal Block 4- Way	0464-01, issue 1	26.03.03	1
Anti-Static Precaution Label	23066.02.A, issue A	04.11.95	1
Serial No. Label	23097.00.B(1), issue B(1)	14.01.00	1
Installationsanleitungen			
FireRay 50/100R (englisch)	22318.18.01		9
FireRay 50/100RV (deutsch)	22318.08.B		9
FireRay 50RV/100RV Low Level Controller (LLC) (English)	22318.21.01, issue 1	02.04.03	1
FireRay 50RV/100RV Low Level Controller (LLC) (German)	22318.24.01, issue 1	19.05.03	1

Enclosure 3

Sheet 1

To Certificate of Approval No.: G 203070

Date 12.04.2006

Instructions for the application of the approval component/system (see enclosure 1):

Range FireRay 50RV:	(5 ... 50) m
Range FireRay 100RV	(50 ... 100) m
Voltage Supply:	(10,2 ... 30,0) V DC
Current Consumption Quiescent State:	< 4 mA, no indication
Current Consumption Alarm/Fault:	< 15 mA
Required Time RESET-Control:	> 5 s
Temperature Range:	(-30 ... 55) °C
Tolerance of axis deviation at 35% receive.:	Detector $\pm 1,0^\circ$, Prisma $\pm 5,0^\circ$
Alarm Threshold:	1,63 dB (25%), 2,78 dB 35%, 6,02 dB (50%)
Infrared Wavelength:	880 nm
Max. Detector Dimensions:	Width 130 mm, Height 210 mm, Depth 120 mm
Weight:	0,670 kg



UROX.S3417 Smoke-automatic Fire Detectors

[Page Bottom](#)

Smoke-automatic Fire Detectors

[See General Information for Smoke-automatic Fire Detectors](#)

FIRE FIGHTING ENTERPRISES LTD

S3417

9 HUNTING GATE

WILBURY WAY

HITCHIN, HERTFORDSHIRE SG4 0TJ UNITED KINGDOM

Application	Type	Compatibility Restriction	Velocity		Model
			Range Min	(fpm) Max	
OAP	PB	None	*	*	Fireray 2000 (a)
					50RU, 100RU
					EC-50R, EC-100R
					Fireray 2000 EST (a)
					Fireray 5000

*Uneffected by air velocity.

(a) - Suitable for use in ambient temperatures of -20 to 55 C (-4 to 131 F).

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Telephone: 01923 664100 Fax: 01923 664603 E-mail: enquiries@bre-certification.co.uk Web: www.bre-certification.co.uk

EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 0133

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

Flashni FL Conventional Type A fire alarm sounder with beacon for use in fire detection and alarm systems

(For conditions of use for the product see the attached appendix)

placed on the market by

Fulleon Limited

Llantarnam Park, Cwmbran, Gwent, NP44 3AW

and produced in the factory

Fulleon Limited

Llantarnam Park, Cwmbran, Gwent, NP44 3AW

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Certification Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

EN 54 - 3: 2001 + A1: 2002 - Fire detection and fire alarm systems - Fire alarm devices - Sounders

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 1/7/2005 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.

Paul Stevens

For and on behalf of BRE Certification Limited



Date of Issue: 22/1/2008

Issue Number: 2

Page: 1 of 2

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Appendix to EC Certificate of conformity 0832 - CPD - 0133

The details and conditions of use for the Flashni FL Conventional Type A fire alarm sounder with beacon, placed on the market by Fulleon Limited are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Bases:

Deep mounting base
'U' mounting base
Shallow mounting base

Sounder Tones:

3 - Sweep 800Hz - 970Hz in 1s
7 - Slow whoop 300Hz - 1200Hz in 3.0s - 0.5s silence
8 - Sweep 1200Hz - 500Hz in 1s
14 - Continuous 970Hz steady
29 - Alternating 990Hz 250ms / 650Hz 250ms
30 - Alternating 510Hz 250ms / 610Hz 250ms

Variants:

NV - No volume control
NS - No tone switch
SEP - Seperate control of beacon and sounder
12V - 12V DC version
NB - No base
LC - All Light colours
C - All Body colours



Paul Stevens
For and on behalf of BRE Certification Limited

Date of Issue: 22/1/2008
Issue Number: 2
Page: 2 of 2

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EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 0128

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

Roshni LP ROLP Conventional Type A/B fire alarm sounder for use in fire detection and alarm systems

(For conditions of use for the product see the attached appendix)

placed on the market by

Fulleon Limited
Llantarnam Park, Cwmbran, Gwent, NP44 3AW

and produced in the factory

Fulleon Limited
Llantarnam Park, Cwmbran, Gwent, NP44 3AW

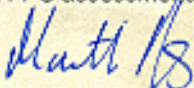
is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Certification Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

EN 54 - 3: 2000 + A1: 2002 - Fire detection and fire alarm systems - Fire alarm devices - Sounders

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 1/7/2005 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.



Martin Aris

For and on behalf of BRE Certification Limited

Date Of Issue: 1/7/2005

Issue Number: 1

Page: 1 of 2

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Appendix to EC Certificate of conformity 0832 - CPD - 0128

The details and conditions of use for the Roshni LP ROLP Conventional Type A/B fire alarm sounder, placed on the market by Fullon Limited are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (where applicable):

Bases:

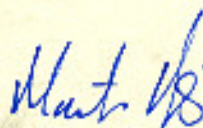
Deep mounting base
'U' mounting base
Shallow mounting base

Sounder Tones:

3 - Sweep 800Hz - 970Hz in 1s
7 - Slow whoop 500Hz - 1200Hz in 3.5s - 0.5s silence
8 - Sweep 1200Hz - 500Hz in 1s
14 - Continuous 970Hz steady
29 - Alternating 990Hz 250ms / 650Hz 250ms
30 - Alternating 510Hz 250ms / 610Hz 250ms

Variants:

NV - No volume control
NS - No tone switch
LM - With line monitor resistor
NB - No base
LC - All light colours
C - All body colours



Martin Aris
For and on behalf of BRE Certification Limited

Date Of Issue: 1/7/2005
Issue Number: 1
Page: 2 of 2

Loss Prevention Certification Board



This is to certify

FULLEON LIMITED

Llantarnam Park, Cwmbran, Gwent NP44 3AW

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

ROLP Roshni LP Sounder

(refer to attached appendix for details)

which has complied with the requirements of the following:

**EN 54-3: 2001 – Fire detection and fire alarm systems –
Fire alarm devices – Sounders**

Certificate No. 378b

Issue No. 04

Date of Issue 15 August 2007

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please
visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

Name: P STEVENS



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Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 378b

FULLEON LIMITED

Products

LPCB Ref. No.

ROLP Roshni LP Sounder^{1,2,3}

378b/01

- Notes:
1. The sounder is approved in red and white colours.
 2. Using Deep, U-shaped and shallow sounder bases in red and white colours.
 3. Meets the prEN54-3 requirements at tone patterns 3 and 8 only.

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please
visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

Name: P STEVENS

Page 2 of 2

Date of Issue 15 August 2007

Issue No. 04

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