



Certificate

of
Approval
of
Components and Systems

Holder of the Approval:

Kidde Safety Europe Ltd.
Mathisen Way
GB- Colnbrook, SL3 0HB

| <i>Approval No.:</i> | <i>No. of pages:</i> | <i>Valid from:</i> | <i>Valid to:</i> |
|----------------------|----------------------|--------------------|-------------------|
| G 206007 | 5 | 27.08.2010 | 26.06.2014 |

Subject matter of the Approval:

Smoke Alarm Devices
Type 29D; 29HD; 29HIK

Use:

in Private Homes

Basis for approval:

DIN EN 14604:2009-02 - Smoke Alarm Devices
VdS 2344:2005-12 - Procedure Guidelines

This approval is valid only for the specified component/system as submitted for the test

■ together with the parts listed in enclosure 1

■ documented in the technical papers acc. to enclosure 2 (n/a for systems)

■ for application in the specified fire protection and security installations.

Use of the subject matter of the approval, is subject to the hints/comments of enclosure 3.

The validity of the approval can be extended upon application. Application for extension shall be submitted six months before expiry of the current approval at the latest.

This certificate may only be reproduced in its present form without any modification including all enclosures. All changes of the underlying conditions of this approval shall be reported at once to the VdS Certification Body enclosing the required documentation.

Any advertising with this VdS approved component/system shall reflect the correct contents of the certificate and shall not violate the trade practice rules.



DAT-ZE 005/92

Köln (Cologne), 27.08.2010

Schüngel

Managing Director

i. V. Hesels

Head of the VdS Certification Body

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

A company of the German Insurance Association (GDV) (German federation of insurance companies)

Accredited by the "Deutsche Akkreditierungsstelle Technik (DATech)" as a certification body for the areas of fire protection and security

To Certificate of Approval No. G 206007

Date 27.08.2010

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) |
|--------------------------|-------|------------------------------|--|
| Smoke Alarm Device | 29D | | |
| Smoke Alarm Device | 29HD | | |
| Smoke Alarm Device | 29HIK | | |

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The approved component/system is described as follows:

| Type of document | Manufacturer's identification | Date | Number of Pages |
|--|-------------------------------|------------|-----------------|
| VdS Test Report No. BMA 06006 dated 30.01.2006 | | | |
| VdS Test Report No. BMA 09123 dated 14.09.2009 | | | |
| BRE Test Report No. TE259866 dated 16.06.2010 | | | |
| BRE Test Report No. TE259866-1 dated 16.07.2010 | | | |
| 29D: | | | |
| Circuit Diagram | 0306-9627 / Rev 00 | 07.06.2010 | 1 |
| Parts List | 29D BOM for Agency / Rev 1 | 08.06.2010 | 3 |
| Test Button | 0307-2125 | 09.10.2008 | 1 |
| 29D Exploded View | Rev. 0 | 09.08.2008 | 1 |
| Cover With One Button | 0307-2124 | 05.18.2008 | 1 |
| Horn Assy | 0307-9614 | 05.16.2008 | 1 |
| Horn Housing | 0307-2117 | 05.18.2008 | 1 |
| 29HD and 29HIK: | | | |
| List Of Components | 29HD | | 1 |
| Bill Of Material | 29HD BOM for Agency / Rev 1 | 08.06.2010 | 3 |
| Bill Of Material | 29HIK BOM for Agency / Rev 1 | 08.06.2010 | 3 |
| Schematic | 0306-9628 / Rev.00 | 07.06.2010 | 1 |
| Short Interlock Plate | 0305-2110 | 28.10.1997 | 1 |

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| Type of document | Manufacturer's identification | Date | Number of Pages |
|-----------------------|-------------------------------|------------|-----------------|
| LED Mount | 0306-2110 / Rev. 0 | 12.07.2006 | 1 |
| 29HIK Exploded View | Rev. 0 | 23.12.2008 | 1 |
| Battery Contact | 3311-6501 | 24.04.2009 | 1 |
| Chamber Base | 1375-2104 / Rev.1 | 04.09.2001 | 1 |
| Chamber Cover | 1375-2103 / Rev.1 | 27.07.2005 | 1 |
| Gasket Plastic | 0946-2108 | | 1 |
| Tamper Proof Pin | 0918-2105 / Rev.1a | 05.08.2002 | 1 |
| Trim Plate | 0307-2108 | 14.10.2008 | 1 |
| Base (No I/O) | 0307-2106 / Rev.1 | 30.10.2006 | 1 |
| Photo-Diode Shield | 0306-4107 / Rev.3 | 10.04.2008 | 1 |
| Hush Button | 0306-2113 | 12.07.2006 | 1 |
| IC Shield | 0306-4106 | 25.09.2006 | 1 |
| Test Button | 0306-2112 | 12.07.2006 | 1 |
| Cover With Two Button | 0306-2111 / Rev.1 | 23.08.2007 | 1 |
| Manual | 820-1637-DL Rev.A | 24.08.2009 | 44 |

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

Smoke alarm devices type 29D, 29HD and 29HIK are intended for a use in private homes.

Smoke alarm devices 29HD and 29HIK provide an alarm muting device.

The battery shall be exchanged according manufacturer's specifications or at least when the smoke alarm device gives an acoustic signal for a required battery exchange.

The smoke alarm device can be operated with the following battery types:

Alkaline types:

Eveready 1222

Energizer 522;

Gold Peak 1604P, 1604S 1604A

Golden Power

GL6F22A; Hi-Watt 6LR61X;

Duracell MN1604, MX1604

Panasonic 6AM6, 6AM-6, 6AM-6PI, 6AM6X, 6LR61(GA)

Lithium types:

ULTRALIFE U9VL-J

The operating and mounting instructions of the manufacturer shall be regarded.