

Loss Prevention Certification Board



This is to certify

THORN SECURITY LIMITED
Trading as Tyco Safety Products
Dunhams Lane, Letchworth, SG6 1BE

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

601I & 801I Ionisation Smoke Detectors and 601P & 816P Photoelectric 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 using scattered light, transmitted light or ionization

Certificate No. 681d-(cl-1)

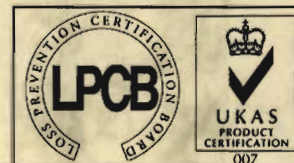
Issue No. 01

Date of Issue 17 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This certificate is valid until withdrawn by LPCB.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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Fax +44 (0)1923 664603 www.RedBookLive.com

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Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 681d-(cl-1)

THORN SECURITY LIMITED

Products		LPCB Ref. No.
801I	MX Digital addressable ionisation smoke detector (801B, 801IB, 801RB and 801SB bases) <i>Note: Meets EN54 Part 7 in High and Normal Sensitivity settings only.</i>	681d/01
601I	Conventional ionisation smoke detector (MUB and 5B mounting bases)	681d/02
601P	Conventional optical smoke detector (MUB and 5B mounting bases)	681d/03
816P	MX Digital addressable photoelectric detector (801B, 801IB, 801RB, 801SB and 5BI 5" bases) <i>Note: Meets EN54 Part 7 at Normal and High sensitivity</i>	681d/05

Bases:

801B Minerva universal mounting base
801IB addressable isolator base
801RB addressable relay base
801SB addressable sounder base
MUB Universal mounting base
5B 5" Universal mounting base
5BI 5" Isolator base

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Issue No. 01

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MR601Tex, 601PH and 816PH Multi-criteria Detectors
(refer to attached appendix for details)

which have complied with the requirements of the following:

EN 54-7: 2000 + A1: 2002 – Smoke detectors - Point detectors using scattered light, transmitted light or ionization

CEA 4021: 1999 - Requirements and test methods for Multisensor detectors, which respond to smoke and heat, and smoke detectors with more than one smoke sensor

Certificate No. 681j-(cl -1)

Issue No. 02

Date of Issue 17 November 2006

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APPENDIX TO CERTIFICATE NO. 681j-(cl -1)

THORN SECURITY LIMITED Trading as Tyco Safety Products

Products		LPCB Ref. No.
601PH	Conventional high performance optical smoke detector (MUB and 5B mounting bases)	681j/01
MR601TE _x	Conventional intrinsically safe high performance optical smoke detector with heat enhancement (MUBEx base)	681j/02
816PH	MX Digital addressable photoelectric detector with heat enhancement (801B, 801IB, 801RB, 801SB and 5BI 5" bases) <i>Note: Meets EN54 Part 7 at Normal sensitivity</i>	681j/03

Bases

MUBEx Intrinsically safe detector base
801B Minerva universal mounting base
801IB addressable isolator base
801RB addressable relay base
801SB addressable sounder base
5BI 5" Isolator base
MUB Universal mounting base
5B 5" Universal mounting base

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Issue No. 02

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MD601Ex, MD611Ex, 601H-R, 601H-F, 801H & 816H 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. 681c-(cl-1)

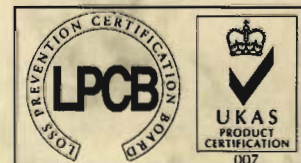
Issue No. 02

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APPENDIX TO CERTIFICATE NO. 681c-(cl -1)

THORN SECURITY LIMITED Trading as Tyco Safety Products

Products		LPCB Ref. No.
801H	MX Digital addressable heat detector (801B, 801IB, 801RB and 801SB Bases) <i>Note: Meets EN54 Part 5 for classes A1R, A2S and CR.</i>	681c/01
601H-R	Conventional Class A1R heat detector (MUB and 5B mounting bases)	681c/02
601H-F	Conventional Class A1S heat detector (MUB and 5B mounting bases)	681c/03
MD601Ex	Conventional intrinsically safe Class A1R rate of rise heat detector (MUBEx base)	681c/04
MD611Ex	Conventional intrinsically safe Class A1S fixed temperature heat detector (MUBEx base)	681c/05
816H	MX Digital addressable heat detector (801B, 801IB, 801RB, 801SB and 5BI 5" bases) <i>Note: Meets EN54 Part 5 for classes A1R, A2S and CR.</i>	681c/06

Bases

MUBEx Intrinsically safe detector base
801B Minerva universal mounting base
801IB addressable isolator base
801RB addressable relay base
801SB addressable sounder base
MUB Universal mounting base
5B 5" Universal mounting base
5BI Isolator base

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