

# Kitemark™ Certificate

This is to certify that:

Protec Fire Detection Plc  
Protec House  
Churchill Way  
Lomeshaye Industrial Estate  
Nelson  
BB9 6RT  
United Kingdom

Holds Certificate Number:

KM 698335

In respect of:

**BS EN 54-3,5,7 and 17**

**Fire detection and fire alarm systems. Multi detector with sounder and isolator functions.**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate 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 Certificate provided at or from the above address.



For and on behalf of BSI:

Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2019-03-15

Latest Issue: 2021-03-30

Effective Date: 2021-03-30

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Page: 1 of 11



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# Kitemark™ Certificate

No. KM 698335

**BS EN 54-3:2001, BS EN 54-5:2001, BS EN 54-7:2001 and BS EN 54-17:2005 Fire detector and fire alarm systems, Multi detector with sounder and isolator functions**

## Model Reference

## Type

6000PLUS/OPHTCO/TSL

Analogue addressable indoor multisensor and CO detector with talking sounder, short circuit isolator and beacon  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

### Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
  - iii) Bell 800Hz
  - iv) Voice message  
(F\_EVAC2: Female voice "evacuation message" V2, "Attention, attention. This is an emergency. Please leave the building by the nearest available exit")
- 4) CO and beacon functionality is outside the scope of this approval

6000PLUS/OPHTCO/SL

Analogue addressable indoor multisensor and CO detector with sounder, short circuit isolator and beacon  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

### Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
- 4) CO and beacon functionality is outside the scope of this approval

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Page: 2 of 11

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# Kitemark™ Certificate

No. KM 698335

6000PLUS/OPHTCO/TSLX

Analogue addressable indoor multisensor and CO detector with talking sounder, short circuit isolator and beacon (Export version)  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
  - iii) Bell 800Hz
  - iv) Dutch Whoop, 500-1500Hz over 3s
- 4) CO and beacon functionality is outside the scope of this approval

6000PLUS/OPHTCO/S

Analogue addressable indoor multisensor and CO detector with sounder and short circuit isolator  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
- 4) CO and beacon functionality is outside the scope of this approval

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Page: 3 of 11

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# Kitemark™ Certificate

No. KM 698335

6000PLUS/OPHTCO/SX

Analogue addressable indoor multisensor and CO detector with sounder and short circuit isolator (Export version)  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
  - iii) Dutch Whoop, 500-1500Hz over 3s
- 4) CO and beacon functionality is outside the scope of this approval

6000PLUS/OPHTCO

Analogue addressable indoor multisensor and CO detector with short circuit Isolator  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) CO and beacon functionality is outside the scope of this approval

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Page: 4 of 11

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# Kitemark™ Certificate

No. KM 698335

6000PLUS/OPHT/TSL

Analogue addressable indoor multisensor detector with talking sounder, short circuit isolator and beacon  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
  - iii) Bell 800Hz
  - iv) Voice message  
(F\_EVAC2: Female voice "evacuation message" V2, "Attention, attention. This is an emergency. Please leave the building by the nearest available exit")
- 4) Beacon functionality is outside the scope of this approval

6000PLUS/OPHT/TS

Analogue addressable indoor multisensor detector with talking sounder and short circuit isolator  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
  - iii) Bell 800Hz
  - iv) Voice message  
(F\_EVAC2: Female voice "evacuation message" V2, "Attention, attention. This is an emergency. Please leave the building by the nearest available exit")
- 4) Beacon functionality is outside the scope of this approval

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Page: 5 of 11

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# Kitemark™ Certificate

No. KM 698335

6000PLUS/OPHT/TSX

Analogue addressable indoor multisensor detector with talking sounder and short circuit isolator (Export version)  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
  - iii) Bell 800Hz
  - iv) Dutch Whoop, 500-1500Hz over 3s

6000PLUS/OPHT/SL

Analogue addressable indoor multisensor detector with sounder, short circuit isolator and beacon  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
- 4) Beacon functionality is outside the scope of this approval

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Page: 6 of 11

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# Kitemark™ Certificate

No. KM 698335

6000PLUS/OPHT/I

Analogue addressable indoor multisensor detector with short circuit Isolator  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings

6000PLUS/OPHT/S

Analogue addressable indoor multisensor detector with sounder and short circuit isolator  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms

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Page: 7 of 11

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# Kitemark™ Certificate

No. KM 698335

6000PLUS/OPHT/SX

Analogue addressable indoor multisensor detector with sounder and short circuit isolator (Export version)  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings
- 3) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
  - iii) Dutch Whoop, 500-1500Hz over 3s

6000PLUS/OPHT

Analogue addressable indoor multisensor detector  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Class A2
- 2) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings

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Page: 8 of 11

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# Kitemark™ Certificate

No. KM 698335

6000PLUS/OP/S

Analogue addressable indoor smoke detector with sounder and short circuit isolator  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-7: 2001 at medium sensitivity setting
- 2) Following tones meets the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms

6000PLUS/OP/SX

Analogue addressable indoor smoke detector with sounder and short circuit isolator  
(Export version)  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-7: 2001 at medium sensitivity setting
- 2) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
  - iii) Dutch Whoop, 500-1500Hz over 3s

6000PLUS/OP

Analogue addressable indoor smoke detector  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-7: 2001 at medium sensitivity setting

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Expiry Date: 2022-03-14

Page: 9 of 11

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# Kitemark™ Certificate

No. KM 698335

6000PLUS/HT/TSL

Analogue addressable indoor heat detector with talking sounder, short circuit isolator and beacon

(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Classes A1 and A2
- 2) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
  - iii) Bell 800Hz
  - iv) Voice message  
(F\_EVAC2: Female voice "evacuation message" V2, "Attention, attention. This is an emergency. Please leave the building by the nearest available exit")
- 3) Beacon functionality is outside the scope of this approval

6000PLUS/HT/SL

Analogue addressable indoor heat detector with sounder, short circuit isolator and beacon

(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Classes A1 and A2
- 2) Following tones meet the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms
- 3) Beacon functionality is outside the scope of this approval

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Page: 10 of 11

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6000PLUS/HT/S

Analogue addressable indoor heat detector with sounder and short circuit isolator  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Classes A1 and A2
- 2) Following tones meets the requirements of BS EN 54-3: 2001 at maximum volume setting
  - i) Continuous 990Hz
  - ii) Warble 990Hz for 250ms and 730Hz for 250ms

6000PLUS/HT

Analogue addressable indoor heat detector  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-5: 2001 at Classes A1 and A2

6000PLUS/OP/I

Analogue addressable indoor smoke detector with short circuit Isolator  
(Bases 6000PLUS/BASE, 6000PLUS/FFBASE, N28-075-01 and N28-075-02)

Notes:

- 1) Meets the requirements of BS EN 54-7: 2001 at medium and low sensitivity settings

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Page: 11 of 11

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