

Certificate of Product Approval

Certificate Number: 010q

Issue: 36

Apollo Fire Detectors Limited

36 Brookside Road
Havant
Hampshire
PO9 1JR
United Kingdom



is certified by BRE **Global** Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Range of Smoke Detectors
(refer to Appendix for details)

Standards

EN 54-7:2000 + A1:2002 + A2:2006

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

P Halligan

Verifier

14 December 2017

Date of Issue

15 January 2001

Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX

T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.



Appendix to Certificate No: 010q

Issue: 36

Apollo Fire Detectors Limited

Certified Product	Description	LPCB Ref.No.
58000-500	Discovery Analogue Addressable Ionisation Smoke Detector (45681-209 and 45681-210 bases) Notes: 1. Meets the requirements of EN 54: Part 7 in modes 1, 2, 3, 4, 5 and in conventional mode. 2. Certified 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	010q/02
58000-600	Discovery Analogue Addressable Photoelectric Smoke Detector (45681-209 and 45681-210 bases) Notes: 1. Meets the requirements of EN54: Part 7 in modes 1, 2, 3, 4 and 5 and in conventional mode. 2. Certified 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.	010q/03
55000-215	Series 65 Conventional Ionisation Smoke Detector - Flashing LED/Reed Switch (45681-200 base) Note: 1. Also Certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases	010q/04
55000-216	Series 65 Conventional Ionisation Smoke Detector - Flashing LED (45681-200 base) Note: 1. Also Certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases	010q/05
55000-217	Series 65 Conventional Ionisation Smoke Detector (45681-200 base) Note:	010q/06

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

14 December 2017
Date of Issue

15 January 2001
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 010q

Issue: 36

Apollo Fire Detectors Limited

Certified Product	Description	LPCB Ref.No.
	1. Also Certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases	
55000-218	Series 65 Conventional Integrating Ionisation Smoke Detector – Flashing LED/Reed Switch (45681-200 base) Note: 1. Also Certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases	010q/07
55000-219	Series 65 Conventional Integrating Ionisation Smoke Detector - Flashing LED (45681-200 base) Note: 1. Also Certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases	010q/08
55000-220	Series 65 Conventional Integrating Ionisation Smoke Detector (45681-200 base) Note: 1. Also Certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases	010q/09
55000-315	Series 65 Conventional Optical Smoke Detector - Flashing LED/Reed Switch (45681-200 base) Note: 1. Also Certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases	010q/10
55000-316	Series 65 Conventional Optical Detector - Flashing LED (45681-200 base) Note: 1. Also Certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases	010q/11

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan

Verifier

14 December 2017

Date of Issue

15 January 2001

Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 010q Apollo Fire Detectors Limited

Issue: 36

Certified Product	Description	LPCB Ref.No.
55000-317	Series 65 Conventional Optical Smoke Detector (45681-200 base) Note: 1. Also Certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases	010q/12
55000-500	XP95 Analogue Addressable Ionisation Smoke Detector (45681-209 and 45681-210 bases) Note: 1. Certified 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.	010q/16
55000-520	XP95 Analogue Addressable Ionisation Smoke Detector (45681-209 and 45681-210 bases) Note: 1. Certified 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.	010q/17
55000-600	XP95 Analogue Addressable Optical Smoke Detector (45681-209 and 45681-210 bases) Note: 1. Certified 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.	010q/18
55000-620	XP95 Analogue Addressable Optical Smoke Detector (45681-209 and 45681-210 bases) Note: 1. Certified 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.	010q/19

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

14 December 2017
Date of Issue

15 January 2001
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 010q

Issue: 36

Apollo Fire Detectors Limited

Certified Product	Description	LPCB Ref.No.
55000-660	XP95 Analogue Addressable Optical Smoke Detector (45681-209 and 45681-210 bases) Note: 1. Certified 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.	010q/21
55000-640	XP95 IS Analogue Addressable Intrinsically Safe Optical Smoke Detector (45681-215 base) Note: 1. Certified with Apollo Series 90 and XP95 digital communications protocol.	010q/22
55000-540	XP95 IS Analogue Addressable Intrinsically Safe Ionisation Smoke Detector (45681-215 base) Note: 1. Certified with Apollo Series 90 and XP95 digital communications protocol.	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
45681-210	XP95 mounting base
45681-215	XP95 intrinsically safe mounting base
45681-209	XP95/Discovery standard deep mounting base

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

14 December 2017
Date of Issue

15 January 2001
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 010q

Issue: 36

Apollo Fire Detectors Limited

Alternative Model No./Label

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010q/02	58000-500	58000-500AMP	AMPAC Technologies PTY Ltd	010q/02
010q/02	58000-500	F850509N	Chubb Fire & Security Ltd	010q/02
010q/02	58000-500	23900-K141	UTC Fire & Security BV (branded as Kidde Products Ltd)	010q/02
010q/02	58000-500	58000-500ADV	Advanced Electronics Limited	010q/02
010q/02	58000-500	EDI-10	Schneider Electric Fire & Security Oy	010q/02
010q/02	58000-500	NV-I-I	Nitin Ventures FZE	010q-(cl-1)
010q/03	58000-600	58000-600AMP	AMPAC Technologies PTY Ltd	010q/03
010q/03	58000-600	F850508N	Chubb Fire & Security Ltd	010q/03
010q/03	58000-600	23900-K142	UTC Fire & Security BV (branded as Kidde Products Ltd)	010q/03
010q/03	58000-600	58000-600ADV	Advanced Electronics Limited	010q/03
010q/03	58000-600	EDI-20	Schneider Electric Fire & Security Oy	010q/03
010q/03	58000-600	FADY-OPT	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010q/03
010q/03	58000-600	NV-I-O	Nitin Ventures	010q-(cl-1)
010q/03	58000-600	SIL-A8021	Shield Fire, Safety and Security Ltd	010q-(cl-5)
010q/03	58000-600	5000-200	Syncoln Ltd	010q-(cl-6)
010q/04	55000-215	DI650LS	UTC Fire & Security BV (branded as Aritech Ltd)	010q/04
010q/05	55000-216	DI650L	UTC Fire & Security BV (branded as Aritech Ltd)	010q/05

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

14 December 2017
Date of Issue

15 January 2001
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 010q

Issue: 36

Apollo Fire Detectors Limited

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010q/05	55000-216	NV-C-I	Nitin Ventures FZE	010q-(cl-1)
010q/05	55000-216	SHD90001	Safety Hi-Tech Srl	010q-(cl-3)
010q/05	55000-216	SEN-C2013	Shield Fire, Safety and Security Ltd	010q-(cl-5)
010q/06	55000-217	DI650	UTC Fire & Security BV (branded as Aritech Ltd)	010q/06
010q/06	55000-217	AL2397	Hagemeyer (UK) Ltd	010q/06
010q/06	55000-217	F850674N	Chubb Fire & Security Ltd	010q/06
010q/06	55000-217	23900-K031-065	UTC Fire & Security BV (branded as Kidde Products Ltd)	010q/06
010q/06	55000-217	BF317ZH/C-TEC	Computationics (Trading as C-TEC)	010q/06
010q/06	55000-217	55000-217ADV	Advanced Electronics Limited	010q/06
010q/06	55000-217	FAP6-ION	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010q/06
010q/06	55000-217	55000-217AMP	AMPAC Technologies PTY Ltd Technologies	010q-(cl-2)
010q/06	55000-217	55000-217HSL	Haes Systems Ltd	810c/01
010q/07	55000-218	DI651LS	UTC Fire & Security BV (branded as Aritech Ltd)	010q/07
010q/08	55000-219	DI651L	UTC Fire & Security BV (branded as Aritech Ltd)	010q/08
010q/09	55000-220	DI651	UTC Fire & Security BV (branded as Aritech Ltd)	010q/09
010q/09	55000-220	F850680N	Chubb Fire & Security Ltd	010q/09

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

14 December 2017
Date of Issue

15 January 2001
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 010q

Issue: 36

Apollo Fire Detectors Limited

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010q/09	55000-220	23900-K032-065	UTC Fire & Security BV (branded as Kidde Products Ltd)	010q/09
010q/09	55000-220	55000-220AMP	AMPAC Technologies PTY Ltd	010q-(cl-2)
010q/11	55000-316	DP652L	UTC Fire & Security BV (branded as Aritech Ltd)	010q/11
010q/11	55000-316	NV-C-O	Nitin Ventures FZE	010q-(cl-1)
010q/11	55000-316	SHD90002	Safety Hi-Tech Srl	010q-(cl-3)
010q/11	55000-316	SEN-C2011	Shield Fire, Safety and Security Ltd	010q-(cl-5)
010q/11	55000-316	2000-200	Syncoln Ltd	010q-(cl-6)
010q/12	55000-317	DP652	UTC Fire & Security BV (branded as Aritech Ltd)	010q/12
010q/12	55000-317	F850673N	Chubb Fire & Security Ltd	010q/12
010q/12	55000-317	23900-K034-065	UTC Fire & Security BV (branded as Kidde Products Ltd)	010q/12
010q/12	55000-317	55000-317ADV	Advanced Electronics Limited	010q/12
010q/12	55000-317	FAP6-OPT	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010q/12
010q/12	55000-317	55000-317AMP	AMPAC Technologies PTY Ltd	010q-(cl-2)
010q/12	55000-317	SEN-C2012	Shield Fire, Safety and Security Ltd	010q-(cl-5)
010q/12	55000-317	55000-317HSL	Haes Systems Ltd	810c/02
010q/12	55000-317	200-404	Eurotech Fire Systems Ltd	1213e/01
010q/16	55000-500	55000-500 IMC	Context Plus Limited	010q-(cl-4)

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

14 December 2017
Date of Issue

15 January 2001
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 010q

Issue: 36

Apollo Fire Detectors Limited

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010q/16	55000-500	SEN-A4012	Shield Fire, Safety and Security Ltd	010q-(cl-5)
010q/16	55000-500	F/CHSM/A/95	Channel Safety Systems	010q-(cl-7)
010q/16	55000-500	55000-500HSL	Haes Systems Ltd	810c/03
010q/17	55000-520	55000-520 AMP	AMPAC Technologies PTY Ltd	010q/17
010q/18	55000-600	F850251N	Chubb Fire & Security Ltd	010q/18
010q/18	55000-600	23900-K041	UTC Fire & Security BV (branded as Kidde Products Ltd)	010q/18
010q/18	55000-600	55000-600 ESS	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010q/18
010q/18	55000-600	55000-600ADV	Advanced Electronics Limited	010q/18
010q/18	55000-600	55000-600 IMC	Context Plus Limited	010q-(cl-4)
010q/18	55000-600	SEN-A4011	Shield Fire, Safety and Security Ltd	010q-(cl-5)
010q/18	55000-600	55000-600HSL	Haes Systems Ltd	810c/04
010q/18	55000-600	200-503	Eurotech Fire Systems Ltd	1213e/02
010q/19	55000-620	55000-620 AMP	AMPAC Technologies PTY Ltd	010q/19
010q/22	55000-640	SIL-A8011	Shield Fire, Safety and Security Ltd	010q-(cl-5)

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

14 December 2017
Date of Issue

15 January 2001
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 010q

Issue: 36

Apollo Fire Detectors Limited

Bases

LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010	45681-200	23902-H08	UTC Fire & Security BV (branded as Kidde Products Ltd)	010
010	45681-200	DB860	UTC Fire & Security BV (branded as Aritech Ltd)	010
010	45681-200	NV-C-SB	Nitin Ventures FZE	010
010	45681-200	45681-200AMP	AMPAC Technologies PTY Ltd	010
010	45681-200	SHB90001	Safety Hi-Tech Srl	010
010	45681-200	SEN-C2001	Shield Fire, Safety and Security Ltd	010q-(cl-5)
010	45681-200	200-300	Eurotech Fire Systems Ltd	1213
010	45681-200	2000-100	Syncoln Ltd	010q-(cl-6)
010	45681-201	FAP6-STB	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010
010	45681-201	200-301	Eurotech Fire Systems Ltd	1213
010	45681-210	45681-210	AMPAC Technologies PTY Ltd	010
010	45681-210	EBI-10	Schneider Electric Fire & Security Oy	010
010	45681-210	DB950	UTC Fire & Security BV (branded as Aritech Ltd)	010
010	45681-210	FA95-ACB	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010
010	45681-210	NV-IA-SB	Nitin Ventures FZE	010
010	45681-210	45681-210IMC	Context Plus	010
010	45681-210	SEN-A4001	Shield Fire, Safety and Security Ltd	010q-(cl-5)
010	45681-210	200-111	Eurotech Fire Systems Ltd	1213
010	45681-210	5000-100	Syncoln Ltd	010q-(cl-6)

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

14 December 2017
Date of Issue

15 January 2001
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.




Appendix to Certificate No: 010q

Issue: 36

Apollo Fire Detectors Limited

LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010	45681-210	F/BASE/95	Channel Safety Systems	010q-(cl-7)
010	45681-245	DB650	UTC Fire & Security BV (branded as Aritech Ltd)	010
010	45681-245	SHB90002	Safety Hi-Tech Srl	010
010	45681-245	45681-245AMP	AMPAC Technologies PTY Ltd	010
010	45681-246	DB650R	UTC Fire & Security BV (branded as Aritech Ltd)	010
010	45681-246	45681-246AMP	AMPAC Technologies PTY Ltd	010
010	45681-247	45681-247AMP	AMPAC Technologies PTY Ltd	010
010	45681-248	45681-248AMP	AMPAC Technologies PTY Ltd	010
010	45681-209	EBI-12	Schneider Electric Fire & Security Oy	010
010	45681-215	SIL-A8058	Shield Fire, Safety and Security Ltd	010q-(cl-5)

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd

P Halligan
Verifier

14 December 2017
Date of Issue

15 January 2001
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.


