

## Certificate of Product Approval

Certificate Number: 010r

Issue: 19

### 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

**Orbis Heat Detector Range**  
(refer to Appendix for details)

#### Standards

**EN 54-5:2000 + A1:2002**

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

*P. Halligan*

Signed for BRE Global Ltd

P Halligan

Verifier

11 December 2019

Date of Issue

1 January 2004

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## Appendix to Certificate No: 010r Apollo Fire Detectors Limited

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Certified Product	Description	LPCB Ref.No.
Orbis Class A1R	Heat Detectors with Apollo Approval Reference* 00001 (Approved For Use with Base Styles OB, OL, OD, DX, OR, EB and ORB-BA-10008-APO Adaptor Base) ORB-HT-11001-APO Orbis Class A1R Heat Detector with SensAlert and FasTest ORB-HT-11013-APO Orbis Class A1R Heat Detector with Flashing LED, SensAlert and FasTest OEX-HT-11037-APO Orbis Class A1R Heat Detector with Flashing LED and SensAlert OEX-HT-11089-APO Orbis Class A1R Heat Detector with SensAlert	010r/01
Orbis Class A2S	Heat Detectors with Apollo Approval Reference* 00002 (Approved For Use with Base Styles OB, OL, OD, DX, OR, EB and ORB-BA-10008-APO Adaptor Base) ORB-HT-11002-APO Orbis Class A2S Heat Detector with SensAlert and FasTest ORB-HT-11014-APO Orbis Class A2S Heat Detector with Flashing LED, SensAlert and FasTest OEX-HT-11038-APO Orbis Class A2S Heat Detector with Flashing LED and SensAlert OEX-HT-11090-APO Orbis Class A2S Heat Detector with SensAlert	010r/02
Orbis Class BR	Heat Detectors with Apollo Approval Reference* 00003 (Approved For Use with Base Styles OB, OL, OD, DX, OR, EB and ORB-BA-10008-APO Adaptor Base) ORB-HT-11003-APO Orbis Class BR Heat Detector with SensAlert and FasTest ORB-HT-11015-APO Orbis Class BR Heat Detector with Flashing LED, SensAlert and FasTest OEX-HT-11039-APO Orbis Class BR Heat Detector with Flashing LED and SensAlert OEX-HT-11091-APO Orbis Class BR Heat Detector with SensAlert	010r/03
Orbis Class BS	Heat Detectors with Apollo Approval Reference* 00004 (Approved For Use with Base Styles OB, OL, OD, DX, OR, EB and ORB-BA-10008-APO Adaptor Base) ORB-HT-11004-APO Orbis Class BS Heat Detector with SensAlert and FasTest	010r/04

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	ORB-HT-11016-APO Orbis Class BS Heat Detector with Flashing LED, SensAlert and FasTest OEX-HT-11040-APO Orbis Class BS Heat Detector with Flashing LED and SensAlert OEX-HT-11092-APO Orbis Class BS Heat Detector with SensAlert	
Orbis Class CR	Heat Detectors with Apollo Approval Reference* 00005 (Approved For Use with Base Styles OB, OL, OD, DX, OR, EB and ORB-BA-10008-APO Adaptor Base) ORB-HT-11005-APO Orbis Class CR Heat Detector with SensAlert and FasTest ORB-HT-11017-APO Orbis Class CR Heat Detector with Flashing LED, SensAlert and FasTest OEX-HT-11041-APO Orbis Class CR Heat Detector with Flashing LED and SensAlert OEX-HT-11093-APO Orbis Class CR Heat Detector with SensAlert	010r/05
Orbis Class CS	Heat Detectors with Apollo Approval Reference* 00006 (Approved For Use with Base Styles OB, OL, OD, DX, OR, EB and ORB-BA-10008-APO Adaptor Base) ORB-HT-11006-APO Orbis Class CS Heat Detector with SensAlert and FasTest ORB-HT-11018-APO Orbis Class CS Heat Detector with Flashing LED, SensAlert and FasTest OEX-HT-11042-APO Orbis Class CS Heat Detector with Flashing LED and SensAlert OEX-HT-11094-APO Orbis Class CS Heat Detector with SensAlert	010r/06
Orbis Class A1S	Heat Detectors with Apollo Approval Reference* 00009 (Approved For Use with Base Styles OB, OL, OD, DX, OR, EB and ORB-BA-10008-APO Adaptor Base) ORB-HT-11166-APO Orbis Class A1S Heat Detector with SensAlert and FasTest ORB-HT-11167-APO Orbis Class A1S Heat Detector with Flashing LED, SensAlert and FasTest	010r/07

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Certified Product	Description	LPCB Ref.No.
Orbis IS Class A1R	Intrinsically Safe Heat Detectors with Apollo Approval Reference* 50001 (Approved For Use with Base Styles OB (+ATEX marking) and ORB-BA-50008-APO Adapter Base) ORB-HT-51145-APO Orbis Intrinsically Safe Class A1R Heat Detector with SensAlert and FasTest ORB-HT-51146-APO Orbis Intrinsically Safe Class A1R Heat Detector with Flashing LED, SensAlert and FasTest	010r/08
Orbis IS Class A2S	Intrinsically Safe Heat Detectors with Apollo Approval Reference* 50002 (Approved For Use with Base Styles OB (+ATEX marking) and ORB-BA-50008-APO Adapter Base) ORB-HT-51147-APO Orbis Intrinsically Safe Class A2S Heat Detector with SensAlert and FasTest ORB-HT-51148-APO Orbis Intrinsically Safe Class A2S Heat Detector with Flashing LED, SensAlert and FasTest	010r/09
Orbis IS Class BR	Intrinsically Safe Heat Detectors with Apollo Approval Reference* 50003 (Approved For Use with Base Styles OB (+ATEX marking) and ORB-BA-50008-APO Adapter Base) ORB-HT-51149-APO Orbis Intrinsically Safe Class BR Heat Detector with SensAlert and FasTest ORB-HT-51150-APO Orbis Intrinsically Safe Class BR Heat Detector with Flashing LED, SensAlert and FasTest	010r/10
Orbis IS Class BS	Intrinsically Safe Heat Detectors with Apollo Approval Reference* 50004 (Approved For Use with Base Styles OB (+ATEX marking) and ORB-BA-50008-APO Adapter Base) ORB-HT-51151-APO Orbis Intrinsically Safe Class BS Heat Detector with SensAlert and FasTest ORB-HT-51152-APO Orbis Intrinsically Safe Class BS Heat Detector with Flashing LED, SensAlert and FasTest	010r/11

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Certified Product	Description	LPCB Ref.No.
Orbis IS Class CR	Intrinsically Safe Heat Detectors with Apollo Approval Reference* 50005 (Approved For Use with Base Styles OB (+ATEX marking) and ORB-BA-50008-APO Adapter Base) ORB-HT-51153-APO Orbis Intrinsically Safe Class CR Heat Detector with SensAlert and FasTest ORB-HT-51154-APO Orbis Intrinsically Safe Class CR Heat Detector with Flashing LED, SensAlert and FasTest	010r/12
Orbis IS Class CS	Intrinsically Safe Heat Detectors with Apollo Approval Reference* 50006 (Approved For Use with Base Styles OB (+ATEX marking) and ORB-BA-50008-APO Adapter Base) ORB-HT-51155-APO Orbis Intrinsically Safe Class CS Heat Detector with SensAlert and FasTest ORB-HT-51156-APO Orbis Intrinsically Safe Class CS Heat Detector with Flashing LED, SensAlert and FasTest	010r/13
Orbis IS Class A1S	Intrinsically Safe Heat Detectors with Apollo Approval Reference* 50009 (Approved For Use with Base Styles OB (+ATEX marking) and ORB-BA-50008-APO Adapter Base) ORB-HT-51157-APO Orbis Intrinsically Safe Class A1S Heat Detector with SensAlert and FasTest ORB-HT-51158-APO Orbis Intrinsically Safe Class A1S Heat Detector with Flashing LED, SensAlert and FasTest	010r/14

### Bases:

TimeSaver bases with Apollo Approval Reference\*  
OB: ORB-MB-00001-APO TimeSaver base

TimeSaver LX bases with Apollo Approval Reference\*  
OL: ORB-MB-00002-APO TimeSaver base LX (without continuity checking link)

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TimeSaver diode bases with Apollo Approval Reference\*  
OD: ORB-DB-00003-APO TimeSaver diode base

TimeSaver LX diode bases with Apollo Approval Reference\*  
DX: OLX-DB-00007-APO TimeSaver diode base LX (without continuity checking link)

TimeSaver relay bases with Apollo Approval Reference\*  
OR: ORB-RB-10004-APO TimeSaver relay base

TimeSaver IS bases with Apollo Approval Reference\*  
OB (+ATEX marking): ORB-MB-50018-APO TimeSaver IS base

TimeSaver deep bases with Apollo Approval Reference\*  
EB: ORB-MB-00019-APO TimeSaver deep base

ORB-BA-50008-APO Orbis intrinsically safe adaptor base (to be used in conjunction with the following bases only: 45681-207)

ORB-BA-10008-APO Orbis adaptor base (to be used in conjunction with the following bases only: 45681-200 & 45681-201)

*\* The Apollo 'Approval Reference Number' identifies a group of detectors that all have the same physical construction, but have features enabled or disabled via their software, and/or regional marking variations.*

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### Alternative Model No./Label

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010r/01	ORB-HT-11001-APO	ORB-HT-11001-AMP	AMPAC Technologies PTY Ltd	010r/01
010r/01	ORB-HT-11001-APO	FAPO-RR1 60dC	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010r/01
010r/01	ORB-HT-11001-APO	ORB-HT-11001-ADV	Advanced Electronics Limited	010r/01
010r/01	ORB-HT-11001-APO	EDC50/A1R	Schneider Electric Fire & Security Oy	010r/01
010r/01	ORB-HT-11013-APO	ORB-HT-11013-AMP	AMPAC Technologies PTY Ltd	010r/01
010r/02	ORB-HT-11002-APO	ORB-HT-11002-AMP	AMPAC Technologies PTY Ltd	010r/02
010r/02	ORB-HT-11002-APO	FAPO-HR1	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010r/02
010r/02	ORB-HT-11002-APO	ORB-HT-11002-ADV	Advanced Electronics Limited	010r/02
010r/02	ORB-HT-11002-APO	EDC-50/A2S	Schneider Electric Fire & Security Oy	010r/02
010r/03	ORB-HT-11003-APO	ORB-HT-11003-AMP	AMPAC Technologies PTY Ltd	010r/03
010r/03	ORB-HT-11003-APO	FAPO-RR2 65dC	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010r/03
010r/03	ORB-HT-11003-APO	ORB-HT-11003-ADV	Advanced Electronics Limited	010r/03
010r/03	ORB-HT-11003-APO	EDC-50 BR	Schneider Electric Fire & Security Oy	010r/03
010r/03	ORB-HT-11015-APO	ORB-HT-11015-AMP	AMPAC Technologies PTY Ltd	010r/03
010r/04	ORB-HT-11004-APO	ORB-HT-11004-AMP	AMPAC Technologies PTY Ltd	010r/04
010r/04	ORB-HT-11004-APO	FAPO-HR2	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010r/04
010r/04	ORB-HT-11004-APO	ORB-HT-11004-ADV	Advanced Electronics Limited	010r/04

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LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010r/04	ORB-HT-11004-APO	EDC-50/BS	Schneider Electric Fire & Security Oy	010r/04
010r/04	ORB-HT-11016-APO	ORB-HT-11016-AMP	AMPAC Technologies PTY Ltd	010r/04
010r/05	ORB-HT-11005-APO	ORB-HT-11005-AMP	AMPAC Technologies PTY Ltd	010r/05
010r/05	ORB-HT-11005-APO	FAPO-RR3 70dC	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010r/05
010r/05	ORB-HT-11005-APO	ORB-HT-11005-ADV	Advanced Electronics Limited	010r/05
010r/05	ORB-HT-11005-APO	EDC-50/CR	Schneider Electric Fire & Security Oy	010r/05
010r/05	ORB-HT-11017-APO	ORB-HT-11017-AMP	AMPAC Technologies PTY Ltd	010r/05
010r/06	ORB-HT-11006-APO	ORB-HT-11006-AMP	AMPAC Technologies PTY Ltd	010r/06
010r/06	ORB-HT-11006-APO	FAPO-HR3	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010r/06
010r/06	ORB-HT-11006-APO	ORB-HT-11006-ADV	Advanced Electronics Limited	010r/06
010r/06	ORB-HT-11018-APO	ORB-HT-11018-AMP	AMPAC Technologies PTY Ltd	010r/06
010r/07	ORB-HT-11166-APO	EDC-50/A1S	Schneider Electric Fire & Security Oy	010r/07

### Bases

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010	ORB-MB-00001-APO	ORB-MB-00001-AMP	AMPAC Technologies PTY Ltd	010
010	ORB-MB-00001-APO	FAPO-TSB	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010

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010	ORB-MB-00001-APO	EBC-10	Schneider Electric Fire & Security Oy	010
010	ORB-MB-00002-APO	ORB-MB-00002-AMP	AMPAC Technologies PTY Ltd	010
010	ORB-DB-00003-APO	ORB-DB-00003-AMP	AMPAC Technologies PTY Ltd	010
010	ORB-DB-00003-APO	FAPO-TDB	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010
010	ORB-RB-10004-APO	ORB-RB-10004-AMP	AMPAC Technologies PTY Ltd	010
010	ORB-RB-10004-APO	FAPO-TRB	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010
010	ORB-RB-10004-APO	EBC-20	Schneider Electric Fire & Security Oy	010
010	OLX-DB-00007-APO	FD-STB	Emergi-Lite Safety Systems (Thomas & Betts Ltd)	010
010	ORB-MB-00019-APO	EBC-11	Schneider Electric Fire & Security Oy	010

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