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Certificate of Product Approval

Certificate Number: 010r

Issue: 18

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Apollo Fire Detectors Limited

36 Brookside Road Havant Hampshire PO9 1JR United Kingdom

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

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Appendix to Certificate No: 010r

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Apollo Fire Detectors Limited

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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Apollo Fire Detectors Limited

Certified Product	Description	LPCB Ref.No.
	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	010r/05
	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	
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)	010r/06
	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	
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)	010r/07
	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	

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Apollo Fire Detectors Limited

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)	010r/08
	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	
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)	010r/09
	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	
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)	010r/10
	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	
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)	010r/11
	ORB-HT-51151-APO Orbis Intrinsically Safe Class BS Heat Detector with SensAlert and FasTest	

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Certified Product	Description	LPCB Ref.No.
	ORB-HT-51152-APO Orbis Intrinsically Safe Class BS Heat Detector with Flashing LED, SensAlert and FasTest	
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)	010r/12
	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	
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)	010r/13
	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	
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)	010r/14
	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	

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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)

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.	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/02	ORB-HT-11014-APO	ORB-HT-11014-AMP	AMPAC Technologies PTY Ltd	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

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LPCB Cross-Listed Co Model No. Model No./Label Cross-listed company Ref No. Cert./ Ref No. Emergi-Lite Safety Systems 010r/04 010r/04 ORB-HT-11004-APO FAPO-HR2 (Thomas & Betts Ltd) 010r/04 ORB-HT-11004-ADV Advanced Electronics Limited 010r/04 ORB-HT-11004-APO Schneider Electric Fire & 010r/04 ORB-HT-11004-APO EDC-50/BS 010r/04 Security Oy 010r/04 010r/04 ORB-HT-11016-APO ORB-HT-11016-AMP AMPAC Technologies PTY Ltd 010r/05 ORB-HT-11005-APO ORB-HT-11005-AMP AMPAC Technologies PTY Ltd 010r/05 010r/05 Emergi-Lite Safety Systems 010r/05 ORB-HT-11005-APO FAPO-RR3 70dC (Thomas & Betts Ltd) 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 & 010r/05 Security Oy 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 FAPO-HR3 010r/06 010r/06 ORB-HT-11006-APO Emergi-Lite Safety Systems (Thomas & Betts Ltd) 010r/06 ORB-HT-11006-APO ORB-HT-11006-ADV Advanced Electronics Limited 010r/06 Schneider Electric Fire & 010r/06 ORB-HT-11006-APO FDC-50/CS 010r/06 Security Oy AMPAC Technologies PTY Ltd 010r/06 ORB-HT-11018-APO ORB-HT-11018-AMP 010r/06 010r/07 ORB-HT-11166-APO EDC-50/A1S Schneider Electric Fire & 010r/07 Security Oy

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Bases

LPCB Ref No.	Model No.	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
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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