

Certificate of Product Approval

Certificate Number: 966b

Issue: 05

Ampac Pty Ltd

7 Ledger Road
Balcatta
6021
Australia



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

Control and Indicating Equipment

8681-0108 FireFinder Plus 8681-0213 FireFinder Plus
8681-0208 FireFinder Plus 8681-0313 FireFinder Plus
8681-0308 FireFinder Plus 8681-0413 FireFinder Plus
8681-0408 FireFinder Plus 8681-0513 FireFinder Plus
8681-0110 FireFinder Plus 8681-0613 FireFinder Plus
8681-0210 FireFinder Plus 8681-0713 FireFinder Plus
8681-0310 FireFinder Plus 8681-0813 FireFinder Plus
8681-0410 FireFinder Plus
8681-0113 FireFinder Plus

(refer to Appendix for details)

Standards

EN 54-2:1997 + A1:2006

EN 54-4:1997 + 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

Eman Mattie-Suleiman

Verifier

7 January 2021

Date of Issue

5 December 2012

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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
8681-0108 FireFinder Plus	<p>One loop, 32 Zone Analogue Addressable Control and Indicating Equipment</p> <p>Incorporating as modular units:</p> <p>BRD86BPSC4-B FFP Brigade & Power supply control board (8610)</p> <p>BRD86DLTB4-C FFP Dual loop termination board (8610)</p> <p>BRD86FPB5-B FFP Front panel board EN54 (8610)</p> <p>BRD86MBA4-A FFP Main board LCD (8610)</p> <p>BRD86MCPU4-B FFP Main 64MB CPU card (8610)</p> <p>BRD86SCB3-A FFP Slave CPU card (8610)</p> <p>PSU1888 Power supply 5A (8610)</p> <p>Optional Modules:</p> <p>BRD43EZC2-A 8 Zone conventional module (4310)</p> <p>BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)</p> <p>Certified with the following options with requirements from EN 54-2:</p> <p>7.8 Output to fire alarm devices</p> <p>7.9.1 Output to fire alarm routing equipment</p> <p>7.9.2 Alarm confirmation input from fire alarm routine equipment</p> <p>7.11 Delays to outputs</p> <p>7.12.1 Dependencies on more than one alarm signal – Type A</p> <p>7.12.2 Dependencies on more than one alarm signal – Type B</p> <p>7.12.3 Dependencies on more than one alarm signal – Type C</p> <p>8.3 Fault signal from points</p>	966b/01

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	8.9 Output to fault warning routing equipment 9.5 Disabling of each addressable point 10 Test Condition Notes: 1. This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13	
8681-0208 FireFinder Plus	Two loop, 32 Zone Analogue Addressable Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Brigade & Power supply control board (8610) BRD86DLTB4-C FFP Dual loop termination board (8610) BRD86FPB5-B FFP Front panel board EN54 (8610) BRD86MBA4-A FFP Main board LCD (8610) BRD86MCP4-B FFP Main 64MB CPU card (8610) BRD86SCB3-A FFP Slave CPU card (8610) PSU1888 Power supply 5A (8610) Optional Modules: BRD43EZC2-A 8 Zone conventional module (4310) BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310) Certified with the following options with requirements from EN 54-2: 7.8 Output to fire alarm devices	966b/02

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	7.9.1 Output to fire alarm routing equipment 7.9.2 Alarm confirmation input from fire alarm routine equipment 7.11 Delays to outputs 7.12.1 Dependencies on more than one alarm signal – Type A 7.12.2 Dependencies on more than one alarm signal – Type B 7.12.3 Dependencies on more than one alarm signal – Type C 8.3 Fault signal from points 8.9 Output to fault warning routing equipment 9.5 Disablement of each addressable point 10 Test Condition Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13	
8681-0308 FireFinder Plus	Three loop, 32 Zone Analogue Addressable Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Brigade & Power supply control board (8610) BRD86DLTB4-C FFP Two Dual loop termination boards (8610) BRD86FPB5-B FFP Front panel board EN54 (8610) BRD86MBA4-A FFP Main board LCD (8610) BRD86MPCU4-B FFP Main 64MB CPU card (8610) BRD86SCB3-A FFP Two Slave CPU cards (8610) PSU1888 Power supply 5A (8610)	966b/03

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	<p>Optional Modules:</p> <p>BRD43EZC2-A 8 Zone conventional module (4310)</p> <p>BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)</p> <p>Certified with the following options with requirements from EN 54-2:</p> <p>7.8 Output to fire alarm devices</p> <p>7.9.1 Output to fire alarm routing equipment</p> <p>7.9.2 Alarm confirmation input from fire alarm routine equipment</p> <p>7.11 Delays to outputs</p> <p>7.12.1 Dependencies on more than one alarm signal – Type A</p> <p>7.12.2 Dependencies on more than one alarm signal – Type B</p> <p>7.12.3 Dependencies on more than one alarm signal – Type C</p> <p>8.3 Fault signal from points</p> <p>8.9 Output to fault warning routing equipment</p> <p>9.5 Disabling of each addressable point</p> <p>10 Test Condition</p> <p>Notes:</p> <p>This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13</p>	
8681-0408 FireFinder Plus	<p>Four loop, 32 Zone Analogue Addressable Control and Indicating Equipment</p> <p>Incorporating the following modular units:</p> <p>BRD86BPSC4-B FFP Brigade & Power supply control board (8610)</p> <p>BRD86DLTB4-C FFP Two Dual loop termination boards (8610)</p>	966b/04

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	BRD86FPB5-B FFP Front panel board EN54 (8610)	
	BRD86MBA4-A FFP Main board LCD (8610)	
	BRD86MCPU4-B FFP Main 64MB CPU card (8610)	
	BRD86SCB3-A FFP Slave CPU cards (8610)	
	PSU1888 Power supply 5A (8610)	
	Optional Modules:	
	BRD43EZC2-A 8 Zone conventional module (4310)	
	BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)	
	Certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm devices	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routine equipment	
	7.11 Delays to outputs	
	7.12.1 Dependencies on more than one alarm signal – Type A	
	7.12.2 Dependencies on more than one alarm signal – Type B	
	7.12.3 Dependencies on more than one alarm signal – Type C	
	8.3 Fault signal from points	
	8.9 Output to fault warning routing equipment	
	9.5 Disablement of each addressable point	
	10 Test Condition	
	Notes:	
	This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13	

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

Eman Mattie-Suleiman

Verifier

7 January 2021

Date of Issue

5 December 2012

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 E: enquiries@breglobal.com

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




Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
8681-0110 FireFinder Plus	<p>One Loop, Analogue Addressable SP1X Control and Indicating Equipment</p> <p>Incorporating the following modular units:</p> <p>BRD86BPSC4-B FFP Brigade & Power supply control board (8610)</p> <p>BRD86DLTB4-C FFP Dual loop termination board (8610)</p> <p>BRD86FPB5-B FFP Front panel board EN54 (8610)</p> <p>BRD86MBA4-A FFP Main board LCD (8610)</p> <p>BRD86MCPU4-B FFP Main 64MB CPU card (8610)</p> <p>PSU1888 Power supply 5A Slim RS-150-27 (8610)</p> <p>Optional Modules:</p> <p>BRD43EZC2-A 8 Zone conventional module (4310)</p> <p>BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)</p> <p>BRD86SCB3-A FFP Slave CPU card (8610)</p> <p>BRD86NIC1-A FFP Network Interface Card</p> <p>BRD43HLI3-A High Level Interface Card</p> <p>Certified with the following options with requirements from EN 54-2:</p> <p>7.8 Output to fire alarm devices</p> <p>7.9.1 Output to fire alarm routing equipment</p> <p>7.9.2 Alarm confirmation input from fire alarm routine equipment</p> <p>7.11 Delays to outputs</p> <p>7.12.1 Dependencies on more than one alarm signal – Type A</p> <p>7.12.2 Dependencies on more than one alarm signal – Type B</p>	966b/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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	7.12.3 Dependencies on more than one alarm signal – Type C 8.3 Fault signal from points 8.9 Output to fault warning routing equipment 9.5 Disablement of each addressable point 10 Test Condition Notes: 1. This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13	
8681-0210 FireFinder Plus	Two Loop, Analogue Addressable SP1X Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Brigade & Power supply control board (8610) BRD86DLTB4-C FFP Dual loop termination board (8610) BRD86FPB5-B FFP Front panel board EN54 (8610) BRD86MBA4-A FFP Main board LCD (8610) BRD86MCPU4-B FFP Main 64MB CPU card (8610) PSU1888 Power supply 5A Slim RS-150-27 (8610) Optional Modules: BRD43EZC2-A 8 Zone conventional module (4310) BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310) BRD86SCB3-A FFP Slave CPU card (8610) BRD86NIC1-A FFP Network Interface Card	966b/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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	<p>BRD43HLI3-A High Level Interface Card</p> <p>Certified with the following options with requirements from EN 54-2:</p> <ul style="list-style-type: none"> 7.8 Output to fire alarm devices 7.9.1 Output to fire alarm routing equipment 7.9.2 Alarm confirmation input from fire alarm routine equipment 7.11 Delays to outputs 7.12.1 Dependencies on more than one alarm signal – Type A 7.12.2 Dependencies on more than one alarm signal – Type B 7.12.3 Dependencies on more than one alarm signal – Type C 8.3 Fault signal from points 8.9 Output to fault warning routing equipment 9.5 Disablement of each addressable point 10 Test Condition <p>Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13</p>	
8681-0310 FireFinder Plus	<p>Three Loop, Analogue Addressable SP1X Control and Indicating Equipment</p> <p>Incorporating the following modular units:</p> <ul style="list-style-type: none"> BRD86BPSC4-B FFP Brigade & Power supply control board (8610) BRD86DLTB4-C FFP Dual loop termination board (8610) BRD86FPB5-B FFP Front panel board EN54 (8610) 	966b/07

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	BRD86MBA4-A FFP Main board LCD (8610)	
	BRD86MCPU4-B FFP Main 64MB CPU card (8610)	
	PSU1888 Power supply 5A Slim RS-150-27 (8610)	
	Optional Modules:	
	BRD43EZC2-A 8 Zone conventional module (4310)	
	BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)	
	BRD86SCB3-A FFP Slave CPU card (8610)	
	BRD86NIC1-A FFP Network Interface Card	
	BRD43HLI3-A High Level Interface Card	
	Certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm devices	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routine equipment	
	7.11 Delays to outputs	
	7.12.1 Dependencies on more than one alarm signal – Type A	
	7.12.2 Dependencies on more than one alarm signal – Type B	
	7.12.3 Dependencies on more than one alarm signal – Type C	
	8.3 Fault signal from points	
	8.9 Output to fault warning routing equipment	
	9.5 Disabling of each addressable point	
	10 Test Condition	

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13	
8681-0410 FireFinder Plus	<p>Four Loop, Analogue Addressable SP1X Control and Indicating Equipment</p> <p>Incorporating the following modular units:</p> <p>BRD86BPSC4-B FFP Brigade & Power supply control board (8610)</p> <p>BRD86DLTB4-C FFP Dual loop termination board (8610)</p> <p>BRD86FPB5-B FFP Front panel board EN54 (8610)</p> <p>BRD86MBA4-A FFP Main board LCD (8610)</p> <p>BRD86MCPU4-B FFP Main 64MB CPU card (8610)</p> <p>PSU1888 Power supply 5A Slim RS-150-27 (8610)</p> <p>Optional Modules:</p> <p>BRD43EZC2-A 8 Zone conventional module (4310)</p> <p>BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)</p> <p>BRD86SCB3-A FFP Slave CPU card (8610)</p> <p>BRD86NIC1-A FFP Network Interface Card</p> <p>BRD43HLI3-A High Level Interface Card</p> <p>Certified with the following options with requirements from EN 54-2:</p> <p>7.8 Output to fire alarm devices</p> <p>7.9.1 Output to fire alarm routing equipment</p> <p>7.9.2 Alarm confirmation input from fire alarm routine equipment</p> <p>7.11 Delays to outputs</p>	966b/08

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	7.12.1 Dependencies on more than one alarm signal – Type A 7.12.2 Dependencies on more than one alarm signal – Type B 7.12.3 Dependencies on more than one alarm signal – Type C 8.3 Fault signal from points 8.9 Output to fault warning routing equipment 9.5 Disablement of each addressable point 10 Test Condition Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13	
8681-0113 FireFinder Plus	One Loop, 64 Zone 5A SP8X Analogue Addressable Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Bridge and power supply control board (8610) BRD86DLTB4-C FFP Dual loop termination board (8610) BRD86FPB5-B FFP Front panel board EN54 (8610) BRD86MBA4-A FFP Main board LCD (8610) BRD86MCPU4-B FFP Main 64MB CPU card (8610) PSU1888 Power supply 5A slim RS-150-27 (8610) Optional Modules: BRD43EZC2-A 8 Zone conventional module (4310) BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)	966b/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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	BRD86SCB3-A FFP Slave CPU card (8610) BRD86NIC1-A FFP Network Interface Card BRD43HLI3-A High Level Interface Card Certified with the following options with requirements from EN 54-2: 7.8 Output to fire alarm devices 7.9.1 Output to fire alarm routing equipment 7.9.2 Alarm confirmation input from fire alarm routine equipment 7.11 Delays to outputs 7.12.1 Dependencies on more than one alarm signal – Type A 7.12.2 Dependencies on more than one alarm signal – Type B 7.12.3 Dependencies on more than one alarm signal – Type C 8.3 Fault signal from points 8.9 Output to fault warning routing equipment 9.5 Disabling of each addressable point 10 Test Condition Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13.	
8681-0213 FireFinder Plus	Two Loop, 64 Zone 5A SP8X Analogue Addressable Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Bridge and power supply control board (8610)	966b/10

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	BRD86DLTB4-C FFP Dual loop termination board (8610)	
	BRD86FPB5-B FFP Front panel board EN54 (8610)	
	BRD86MBA4-A FFP Main board LCD (8610)	
	BRD86MPCU4-B FFP Main 64MB CPU card (8610)	
	PSU1888 Power supply 5A slim RS-150-27 (8610)	
	Optional Modules:	
	BRD43EZC2-A 8 Zone conventional module (4310)	
	BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)	
	BRD86SCB3-A FFP Slave CPU card (8610)	
	BRD86NIC1-A FFP Network Interface Card	
	BRD43HLI3-A High Level Interface Card	
	Certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm devices	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routine equipment	
	7.11 Delays to outputs	
	7.12.1 Dependencies on more than one alarm signal – Type A	
	7.12.2 Dependencies on more than one alarm signal – Type B	
	7.12.3 Dependencies on more than one alarm signal – Type C	
	8.3 Fault signal from points	
	8.9 Output to fault warning routing equipment	
	9.5 Disablement of each addressable point	

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	10 Test Condition Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13.	
8681-0313 FireFinder Plus	Three Loop, 64 Zone 5A SP8X Analogue Addressable Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Bridge and power supply control board (8610) BRD86DLTB4-C FFP Dual loop termination board (8610) BRD86FPB5-B FFP Front panel board EN54 (8610) BRD86MBA4-A FFP Main board LCD (8610) BRD86MCP4-B FFP Main 64MB CPU card (8610) PSU1888 Power supply 5A slim RS-150-27 (8610) Optional Modules: BRD43EZC2-A 8 Zone conventional module (4310) BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310) BRD86SCB3-A FFP Slave CPU card (8610) BRD86NIC1-A FFP Network Interface Card BRD43HLI3-A High Level Interface Card Certified with the following options with requirements from EN 54-2: 7.8 Output to fire alarm devices	966b/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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	7.9.1 Output to fire alarm routing equipment 7.9.2 Alarm confirmation input from fire alarm routine equipment 7.11 Delays to outputs 7.12.1 Dependencies on more than one alarm signal – Type A 7.12.2 Dependencies on more than one alarm signal – Type B 7.12.3 Dependencies on more than one alarm signal – Type C 8.3 Fault signal from points 8.9 Output to fault warning routing equipment 9.5 Disablement of each addressable point 10 Test Condition Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13.	
8681-0413 FireFinder Plus	Four Loop, 64 Zone 5A SP8X Analogue Addressable Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Brigade & Power supply control board (8610) BRD86DLTB4-C FFP Dual loop termination board (8610) BRD86FPB5-B FFP Front panel board EN54 (8610) BRD86MBA4-A FFP Main board LCD (8610) BRD86MCPU4-B FFP Main 64MB CPU card (8610) PSU1888 Power supply 5A slim RS-150-27 (8610)	966b/12

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	<p>Optional Modules:</p> <p>BRD43EZC2-A 8 Zone conventional module (4310)</p> <p>BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)</p> <p>BRD86SCB3-A FFP Slave CPU card (8610)</p> <p>BRD86NIC1-A FFP Network Interface Card</p> <p>BRD43HLI3-A High Level Interface Card</p> <p>Certified with the following options with requirements from EN 54-2:</p> <p>7.8 Output to fire alarm devices</p> <p>7.9.1 Output to fire alarm routing equipment</p> <p>7.9.2 Alarm confirmation input from fire alarm routine equipment</p> <p>7.11 Delays to outputs</p> <p>7.12.1 Dependencies on more than one alarm signal – Type A</p> <p>7.12.2 Dependencies on more than one alarm signal – Type B</p> <p>7.12.3 Dependencies on more than one alarm signal – Type C</p> <p>8.3 Fault signal from points</p> <p>8.9 Output to fault warning routing equipment</p> <p>9.5 Disabling of each addressable point</p> <p>10 Test Condition</p> <p>Notes:</p> <p>This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13.</p>	

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
8681-0513 FireFinder Plus	<p>Five Loop, 64 Zone 5A SP8X Analogue Addressable Control and Indicating Equipment</p> <p>Incorporating the following modular units:</p> <p>BRD86BPSC4-B FFP Brigade & Power supply control board (8610)</p> <p>BRD86DLTB4-C FFP Dual loop termination board (8610)</p> <p>BRD86FPB5-B FFP Front panel board EN54 (8610)</p> <p>BRD86MBA4-A FFP Main board LCD (8610)</p> <p>BRD86MCP4-B FFP Main 64MB CPU card (8610)</p> <p>PSU1888 Power supply 5A slim RS-150-27 (8610)</p> <p>BRD86FEPB3-A FFP Expansion panel board (8610)</p> <p>Optional Modules:</p> <p>BRD43EZC2-A 8 Zone conventional module (4310)</p> <p>BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)</p> <p>BRD86SCB3-A FFP Slave CPU card (8610)</p> <p>BRD86NIC1-A FFP Network Interface Card</p> <p>BRD43HLI3-A High Level Interface Card</p> <p>Certified with the following options with requirements from EN 54-2:</p> <p>7.8 Output to fire alarm devices</p> <p>7.9.1 Output to fire alarm routing equipment</p> <p>7.9.2 Alarm confirmation input from fire alarm routine equipment</p> <p>7.11 Delays to outputs</p> <p>7.12.1 Dependencies on more than one alarm signal – Type A</p>	966b/13

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	7.12.2 Dependencies on more than one alarm signal – Type B 7.12.3 Dependencies on more than one alarm signal – Type C 8.3 Fault signal from points 8.9 Output to fault warning routing equipment 9.5 Disablement of each addressable point 10 Test Condition Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13.	
8681-0613 FireFinder Plus	Six Loop, 64 Zone 5A SP8X Analogue Addressable Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Brigade & Power supply control board (8610) BRD86DLTB4-C FFP Dual loop termination board (8610) BRD86FPB5-B FFP Front panel board EN54 (8610) BRD86MBA4-A FFP Main board LCD (8610) BRD86MCPU4-B FFP Main 64MB CPU card (8610) PSU1888 Power supply 5A slim RS-150-27 (8610) BRD86FEPB3-A FFP Expansion panel board (8610) Optional Modules: BRD43EZC2-A 8 Zone conventional module (4310) BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)	966b/14

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	BRD86SCB3-A FFP Slave CPU card (8610) BRD86NIC1-A FFP Network Interface Card BRD43HLI3-A High Level Interface Card Certified with the following options with requirements from EN 54-2: 7.8 Output to fire alarm devices 7.9.1 Output to fire alarm routing equipment 7.9.2 Alarm confirmation input from fire alarm routine equipment 7.11 Delays to outputs 7.12.1 Dependencies on more than one alarm signal – Type A 7.12.2 Dependencies on more than one alarm signal – Type B 7.12.3 Dependencies on more than one alarm signal – Type C 8.3 Fault signal from points 8.9 Output to fault warning routing equipment 9.5 Disablement of each addressable point 10 Test Condition Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13.	
8681-0713 FireFinder Plus	Seven Loop, 64 Zone 5A SP8X Analogue Addressable Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Brigade & Power supply control board (8610)	966b/15

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	BRD86DLTB4-C FFP Dual loop termination board (8610)	
	BRD86FPB5-B FFP Front panel board EN54 (8610)	
	BRD86MBA4-A FFP Main board LCD (8610)	
	BRD86MPCU4-B FFP Main 64MB CPU card (8610)	
	PSU1888 Power supply 5A slim RS-150-27 (8610)	
	BRD86FEPB3-A FFP Expansion panel board (8610)	
	Optional Modules:	
	BRD43EZC2-A 8 Zone conventional module (4310)	
	BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310)	
	BRD86SCB3-A FFP Slave CPU card (8610)	
	BRD86NIC1-A FFP Network Interface Card	
	BRD43HLI3-A High Level Interface Card	
	Certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm devices	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routine equipment	
	7.11 Delays to outputs	
	7.12.1 Dependencies on more than one alarm signal – Type A	
	7.12.2 Dependencies on more than one alarm signal – Type B	
	7.12.3 Dependencies on more than one alarm signal – Type C	
	8.3 Fault signal from points	
	8.9 Output to fault warning routing equipment	

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	9.5 Disablement of each addressable point 10 Test Condition Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13.	
8681-0813 FireFinder Plus	Eight Loop, 64 Zone 5A SP8X Analogue Addressable Control and Indicating Equipment Incorporating the following modular units: BRD86BPSC4-B FFP Brigade & Power supply control board (8610) BRD86DLTB4-C FFP Dual loop termination board (8610) BRD86FPB5-B FFP Front panel board EN54 (8610) BRD86MBA4-A FFP Main board LCD (8610) BRD86MCPU4-B FFP Main 64MB CPU card (8610) PSU1888 Power supply 5A slim RS-150-27 (8610) BRD86FEPB3-A FFP Expansion panel board (8610) Optional Modules: BRD43EZC2-A 8 Zone conventional module (4310) BRD43ZAMC2-A 32 Zone alarm MIMIC internal card (4310) BRD86SCB3-A FFP Slave CPU card (8610) BRD86NIC1-A FFP Network Interface Card BRD43HLI3-A High Level Interface Card	966b/16

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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



Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
	<p>Certified with the following options with requirements from EN 54-2:</p> <ul style="list-style-type: none"> 7.8 Output to fire alarm devices 7.9.1 Output to fire alarm routing equipment 7.9.2 Alarm confirmation input from fire alarm routine equipment 7.11 Delays to outputs 7.12.1 Dependencies on more than one alarm signal – Type A 7.12.2 Dependencies on more than one alarm signal – Type B 7.12.3 Dependencies on more than one alarm signal – Type C 8.3 Fault signal from points 8.9 Output to fault warning routing equipment 9.5 Disablement of each addressable point 10 Test Condition <p>Notes: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN54-13.</p>	

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

Eman Mattie-Suleiman

Verifier

7 January 2021

Date of Issue

5 December 2012

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 E: enquiries@breglobal.com

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




Appendix to Certificate No: 966b

Issue: 05

Ampac Pty Ltd

Alternative Model No./Label

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
966b/01	8681-0108 FireFinder Plus	510-0108A Odyssey Plus	Eurotech Fire Systems Ltd	1213b
966b/02	8681-0208 FireFinder Plus	510-0208A Odyssey Plus	Eurotech Fire Systems Ltd	1213b
966b/03	8681-0308 FireFinder Plus	510-0308A Odyssey Plus	Eurotech Fire Systems Ltd	1213b
966b/04	8681-0408 FireFinder Plus	510-0408A Odyssey Plus	Eurotech Fire Systems Ltd	1213b
966b/01	8681-0108 FireFinder Plus	8681-0108 FireFinder Plus	AMPAC Europe Ltd	952b
966b/02	8681-0208 FireFinder Plus	8681-0208 FireFinder Plus	AMPAC Europe Ltd	952b
966b/03	8681-0308 FireFinder Plus	8681-0308 FireFinder Plus	AMPAC Europe Ltd	952b
966b/04	8681-0408 FireFinder Plus	8681-0408 FireFinder Plus	AMPAC Europe Ltd	952b

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

Eman Mattie-Suleiman
Verifier

7 January 2021
Date of Issue

5 December 2012
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 E: enquiries@breglobal.com

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

