

Certificate of Product Approval

Ampac Pty Ltd

| CERTIFICATE NUMBER | ISSUE | COMPANY ADDRESS |
|--------------------|-------|------------------------------------------------|
| 966b | 07 | 7 Ledger Road Balcatta 6021 Australia |

The named company is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

| PRODUCTS | STANDARDS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Control and Indicating Equipment SP1M FireFinder Plus SP1X FireFinder Plus SP8X FireFinder Plus (refer to Appendix for details) | EN 54-2:1997 + A1:2006 EN 54-4:1997 + A1:2002 + A2:2006 |

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Signed for

S. David
Verifier

25 July 2025
Date of Issue

05 December 2012
Date of First Issue



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Appendix to Certificate No: 966b

Ampac Pty Ltd

| Certified Product | Description | LPCB Ref No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SP1M FireFinder Plus | <p>1-4 Loop, 32 Zone Analogue Addressable Control and Indicating Equipment (with Apollo Protocol)</p> <p>Incorporating as modular units:</p> <table><tr><td>BRD86BPSC4-B</td><td>FFP Brigade & Power supply control board (8610)</td></tr><tr><td>BRD86DLTB4-C</td><td>FFP Dual loop termination board (8610)</td></tr><tr><td>BRD86FPB5-B</td><td>FFP Front panel board EN54 (8610)</td></tr><tr><td>BRD86MBA4-A</td><td>FFP Main board LCD (8610)</td></tr><tr><td>BRD86MCP4-B</td><td>FFP Main 64MB CPU card (8610)</td></tr><tr><td>BRD86SCB3-A</td><td>FFP Slave CPU card (8610)</td></tr><tr><td>PSU1888</td><td>Power supply 5A (8610)</td></tr></table> <p>Incorporating as optional modules:</p> <table><tr><td>BRD43EZC2-A</td><td>8 Zone conventional module (4310)</td></tr><tr><td>BRD43ZAMC2-A</td><td>32 Zone alarm MIMIC internal card (4310)</td></tr></table> <p>Certified with the following options with requirements from EN 54-2:</p> <table><tr><td>7.8</td><td>Output to fire alarm devices</td></tr><tr><td>7.9.1</td><td>Output to fire alarm routing equipment</td></tr><tr><td>7.9.2</td><td>Alarm confirmation input from fire alarm routine equipment</td></tr><tr><td>7.11</td><td>Delays to outputs</td></tr><tr><td>7.12.1</td><td>Dependencies on more than one alarm signal – Type A</td></tr><tr><td>7.12.2</td><td>Dependencies on more than one alarm signal – Type B</td></tr><tr><td>7.12.3</td><td>Dependencies on more than one alarm signal – Type C</td></tr><tr><td>8.3</td><td>Fault signal from points</td></tr><tr><td>8.9</td><td>Output to fault warning routing equipment</td></tr><tr><td>9.5</td><td>Disablement of each addressable point</td></tr></table> | 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) | BRD43EZC2-A | 8 Zone conventional module (4310) | BRD43ZAMC2-A | 32 Zone alarm MIMIC internal card (4310) | 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 | 966b/01 |
| 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRD43EZC2-A | 8 Zone conventional module (4310) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRD43ZAMC2-A | 32 Zone alarm MIMIC internal card (4310) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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25 July 2025

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Appendix to Certificate No: 966b

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| | <p>10 Test Condition</p> <p>Notes:</p> <p>1. This product approval does not constitute compliance with the fire detection and fire alarm systems requirements of EN 54-13.</p> <p>2. Available in marketing model/part numbers 8681-0108, 8681-0208, 8681-0308 & 8681-0408.</p> | | | | | | | | | | | | | | | | | | | | | | | |
| SP1X FireFinder Plus | <p>1-4 Loop, Analogue Addressable Control and Indicating Equipment (with Apollo Protocol)</p> <p>Incorporating the following modular units:</p> <table><tr><td>BRD86BPSC4-B</td><td>FFP Brigade & Power supply control board (8610)</td></tr><tr><td>BRD86DLTB4-C</td><td>FFP Dual loop termination board (8610)</td></tr><tr><td>BRD86FPB5-B</td><td>FFP Front panel board EN54 (8610)</td></tr><tr><td>BRD86MBA4-A</td><td>FFP Main board LCD (8610)</td></tr><tr><td>BRD86MCP4-B</td><td>FFP Main 64MB CPU card (8610)</td></tr><tr><td>PSU1888</td><td>Power supply 5A Slim RS-150-27 (8610)</td></tr></table> <p>Incorporating as optional modules:</p> <table><tr><td>BRD43EYC2-A</td><td>8 Zone conventional module (4310)</td></tr><tr><td>BRD43ZAMC2-A</td><td>32 Zone alarm MIMIC internal card (4310)</td></tr><tr><td>BRD86SCB3-A</td><td>FFP Slave CPU card (8610)</td></tr><tr><td>BRD86NIC1-A</td><td>FFP Network Interface Card</td></tr><tr><td>BRD43HLI3-A</td><td>High Level Interface Card</td></tr></table> <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> | 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) | PSU1888 | Power supply 5A Slim RS-150-27 (8610) | BRD43EYC2-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/05 |
| 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) | | | | | | | | | | | | | | | | | | | | | | | |
| PSU1888 | Power supply 5A Slim RS-150-27 (8610) | | | | | | | | | | | | | | | | | | | | | | | |
| BRD43EYC2-A | 8 Zone conventional module (4310) | | | | | | | | | | | | | | | | | | | | | | | |
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| BRD86NIC1-A | FFP Network Interface Card | | | | | | | | | | | | | | | | | | | | | | | |
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| | <div>7.12.3 Dependencies on more than one alarm signal – Type C</div> <div>8.3 Fault signal from points</div> <div>8.9 Output to fault warning routing equipment</div> <div>9.5 Disablement of each addressable point</div> <div>10 Test Condition</div> <div>Notes:</div> <div>1. This product approval does not constitute compliance with the fire detection and fire alarm systems requirements of EN 54-13.</div> <div>2. Available in marketing model/part numbers 8681-0110, 8681-0210, 8681-0310 & 8681-0410.</div> | |
| SP8X FireFinder Plus | <div>1-8 Loop, 64 Zone 5A Analogue Addressable Control and Indicating Equipment (with Apollo Protocol)</div> <div>Incorporating the following modular units:</div> <div><div>BRD86BPSC4-B</div><div>FFP Bridge and power supply control board (8610)</div></div> <div><div>BRD86DLTB4-C</div><div>FFP Dual loop termination board (8610)</div></div> <div><div>BRD86FPB5-B</div><div>FFP Front panel board EN54 (8610)</div></div> <div><div>BRD86MBA4-A</div><div>FFP Main board LCD (8610)</div></div> <div><div>BRD86MCPU4-B</div><div>FFP Main 64MB CPU card (8610)</div></div> <div><div>PSU1888</div><div>Power supply 5A slim RS-150-27 (8610)</div></div> <div><div>BRD86FEPB3-A</div><div>FFP Expansion panel board (8610) - Required in the 5 to 8 Loop CIEs</div></div> <div>Incorporating as optional modules:</div> <div><div>BRD43EZC2-A</div><div>8 Zone conventional module (4310)</div></div> <div><div>BRD43ZAMC2-A</div><div>32 Zone alarm MIMIC internal card (4310)</div></div> <div><div>BRD86SCB3-A</div><div>FFP Slave CPU card (8610)</div></div> <div><div>BRD86NIC1-A</div><div>FFP Network Interface Card</div></div> <div><div>BRD43HLI3-A</div><div>High Level Interface Card</div></div> <div>Certified with the following options with requirements from EN 54-2:</div> | 966b/09 |

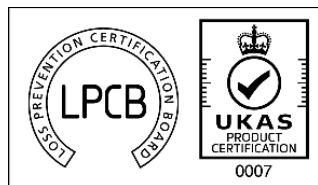
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| | <div>7.8 Output to fire alarm devices</div> <div>7.9.1 Output to fire alarm routing equipment</div> <div>7.9.2 Alarm confirmation input from fire alarm routine equipment</div> <div>7.11 Delays to outputs</div> <div>7.12.1 Dependencies on more than one alarm signal – Type A</div> <div>7.12.2 Dependencies on more than one alarm signal – Type B</div> <div>7.12.3 Dependencies on more than one alarm signal – Type C</div> <div>8.3 Fault signal from points</div> <div>8.9 Output to fault warning routing equipment</div> <div>9.5 Disablement of each addressable point</div> <div>10 Test Condition</div> <div>Notes:</div> <div>1. This product approval does not constitute compliance with the fire detection and fire alarm systems requirements of EN 54-13.</div> <div>2. Available in marketing model/part numbers 8681-0113, 8681-0213, 8681-0313, 8681-0413, 8681-0513, 8681-0613, 8681-0713 & 8681-0813.</div> | |
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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. |
|--------------|-----------------|-----------------------------|---------------------------|-------------------------------|
| 966b/01 | FireFinder Plus | Odyssey Plus | Eurotech Fire Systems Ltd | 1213b |

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