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# Certificate of Product Approval

Certificate Number: 010p

Issue: 41

### **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 Heat Detectors** (refer to Appendix for details)

### Standards

EN 54-5:2000 + A1:2002

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| 1110                      | P Halligan | 2 March 2021  | 15 June 2001        |  |
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## Appendix to Certificate No: 010p **Apollo Fire Detectors Limited**

| Certified<br>Product | Description   | LPCB<br>Ref.No. |
|----------------------|---|-----------------|
| 58000-400            | <ul> <li>Discovery Analogue Addressable Heat Detector (45681-209 and 45681-210 bases)</li> <li>Notes: <ol> <li>Meets the requirements of EN54: Part 5 at the following modes: <ul> <li>Class A1R in mode 1 and in conventional mode</li> <li>Class A2 in mode 2 and in conventional mode</li> <li>Class A2S in mode 3 and in conventional mode</li> <li>Class CR in mode 4 and in conventional mode</li> <li>Class CS in mode 5 and in conventional mode</li> </ul> </li> <li>Certified with Apollo Discovery, XP95, and S90 digital communications protocols configured for the Discovery Heat Detector in accordance with manufacturer's instructions.</li> </ol></li></ul> | 010p/03         |
| 58000-400SIL         | <ul> <li>Discovery Analogue Addressable Heat Detector (45681-209 and 45681-210 bases)</li> <li>Notes: <ol> <li>Meets the requirements of EN54: Part 5 at the following modes: <ul> <li>Class A1R in mode 1 and in conventional mode</li> <li>Class A2 in mode 2 and in conventional mode</li> <li>Class A2S in mode 3 and in conventional mode</li> <li>Class CR in mode 4 and in conventional mode</li> <li>Class CS in mode 5 and in conventional mode</li> </ul> </li> <li>Certified with Apollo Discovery, XP95, and S90 digital communications protocols configured for the Discovery Heat Detector in accordance with manufacturer's instructions.</li> </ol></li></ul> | 010p/03         |
| 55000-121            | <ul> <li>Series 65 Conventional Class A1R Heat Detector with Flashing LED (45681-200 base)</li> <li>Notes:</li> <li>1. Meets the requirements of EN54: Part 5 at Class A1R</li> <li>2. Also certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases.</li> </ul>  | 010p/05         |

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| Certified<br>Product | Description   | LPCB<br>Ref.No. |
|----------------------|---|-----------------|
| 55000-122            | Series 65 Conventional Class A1R Heat Detector (45681-200 base)<br>Notes:   | 010p/06         |
|                      | <ol> <li>Meets the requirements of EN54: Part 5 at Class A1R</li> <li>Also certified for use with 45681-245, 45681-246, 45681-247, 45681-248<br/>and 45681-201 mounting bases.</li> </ol> |                 |
| 55000-126            | Series 65 Conventional Class BR Heat Detector with Flashing LED (45681-200 base)<br>Notes:  | 010p/08         |
|                      | <ol> <li>Meets the requirements of EN54: Part 5 at Class BR</li> <li>Also certified for use with 45681-245, 45681-246, 45681-247, 45681-248<br/>and 45681-201 mounting bases.</li> </ol>  |                 |
| 55000-127            | Series 65 Conventional Class BR Heat Detector (45681-200 base)<br>Notes:  | 010p/09         |
|                      | <ol> <li>Meets the requirements of EN54: Part 5 at Class BR</li> <li>Also certified for use with 45681-245, 45681-246, 45681-247, 45681-248<br/>and 45681-201 mounting bases.</li> </ol>  |                 |
| 55000-131            | Series 65 Conventional Class CR Heat Detector with Flashing LED (45681-200 base)<br>Notes:  | 010p/11         |
|                      | <ol> <li>Meets the requirements of EN54: Part 5 at Class CR</li> <li>Also certified for use with 45681-245, 45681-246, 45681-247, 45681-248<br/>and 45681-201 mounting bases.</li> </ol>  |                 |
| 55000-132            | Series 65 Conventional Class CR Heat Detector (45681-200 base)<br>Notes:  | 010p/12         |
|                      | <ol> <li>Meets the requirements of EN54: Part 5 at Class CR</li> <li>Also certified for use with 45681-245, 45681-246, 45681-247, 45681-248<br/>and 45681-201 mounting bases.</li> </ol>  |                 |
| 55000-136            | Series 65 Conventional Class CS Heat Detector with Flashing LED (45681-200 base)  | 010p/14         |

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| Certified<br>Product | Description  | LPCB<br>Ref.No. |
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|                      | <ol> <li>Notes:</li> <li>Meets the requirements of EN54: Part 5 at Class CS</li> <li>Also certified for use with 45681-245, 45681-246, 45681-247, 45681-248<br/>and 45681-201 mounting bases.</li> </ol>   |                 |
| 55000-137            | <ul> <li>Series 65 Conventional Class CS Heat Detector (45681-200 base)</li> <li>Notes:</li> <li>1. Meets the requirements of EN54: Part 5 at Class CS</li> <li>2. Also certified for use with 45681-245, 45681-246, 45681-247, 45681-248 and 45681-201 mounting bases.</li> </ul>   | 010p/15         |
| 55000-400            | <ul> <li>XP95 Analogue Addressable Class A2S Heat Detector (45681-209 and 45681-210 bases)</li> <li>Note:</li> <li>1. Certified with Apollo Discovery, XP95, and S90 digital communications protocols configured for the Discovery Heat Detector in accordance with manufacturer's instructions.</li> </ul>  | 010p/20         |
| 55000-401            | <ul> <li>XP95 Analogue Addressable Class CS Heat Detector (45681-209 and 45681-210 bases)</li> <li>Notes: <ol> <li>Meets the requirements of EN54: Part 5 at Class CS</li> <li>Certified with Apollo Discovery, XP95, and S90 digital communications protocols configured for the Discovery Heat Detector in accordance with manufacturer's instructions.</li> </ol> </li> </ul> | 010p/21         |
| 55000-420            | <ul> <li>XP95 Analogue Addressable Class A2S Heat Detector (45681-209 and 45681-210 bases)</li> <li>Notes:</li> <li>1. Meets the requirements of EN54: Part 5 at Class A2S</li> <li>2. Certified with Apollo Discovery, XP95, and S90 digital communications protocols configured for the Discovery Heat Detector in accordance with manufacturer's instructions.</li> </ul>     | 010p/22         |

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| Certified<br>Product | Description  | LPCB<br>Ref.No. |
|----------------------|--|-----------------|
| 55000-440            | XP95 IS Analogue Addressable Intrinsically Safe Class A2S Heat Detector<br>(45681-215 base)<br>Notes:  | 010p/23         |
|                      | 1. Meets the requirements of EN54: Part 5 at Class A2S.  |                 |
|                      | Certified with Apollo Series 90 and XP95 digital communications protocols.   |                 |
| 55000-440PRC         | XP95 IS Analogue Addressable Intrinsically Safe Class A2S Heat Detector<br>(45681-215 base)<br>Notes:  | 010p/23         |
|                      | <ol> <li>Meets the requirements of EN54: Part 5 at Class A2S.</li> <li>Certified with Apollo Series 90 and XP95 digital communications protocols.</li> </ol> |                 |

### 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 relay 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 |

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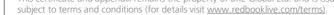
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### **Alternative Model No./Label**

| LPCB<br>Ref No. | Model No. | Alternative Model<br>No./Label | Cross-listed company                                      | Cross-Listed Co<br>Cert./ Ref No. |
|-----------------|-----------|--------------------------------|---|-----------------------------------|
| 010p/03         | 58000-400 | 58000-400AMP                   | Ampac Pty Ltd   | 010p-(cl-2)                       |
| 010p/03         | 58000-400 | F850510N                       | Chubb Fire & Security Ltd                                 | 010p                              |
| 010p/03         | 58000-400 | EDI-50                         | Schneider Electric Fire & Security Oy                     | 010p                              |
| 010p/03         | 58000-400 | SIL-A8022                      | Shield Fire, Safety and Security Ltd                      | 010p-(cl-5)                       |
| 010p/03         | 58000-400 | 5000-300                       | Syncoln Ltd   | 010p-(cl-6)                       |
| 010p/05         | 55000-121 | DT654L                         | UTC Fire & Security BV (branded as Aritech Ltd)           | 010p                              |
| 010p/05         | 55000-121 | 2000-300                       | Syncoln Ltd   | 010p-(cl-6)                       |
| 010p/06         | 55000-122 | DT654                          | UTC Fire & Security BV (branded as Aritech Ltd)           | 010p                              |
| 010p/06         | 55000-122 | F850675N                       | Chubb Fire & Security Ltd                                 | 010p                              |
| 010p/06         | 55000-122 | 23900-K035-065                 | UTC Fire & Security BV (branded as<br>Kidde Products Ltd) | 010p                              |
| 010p/06         | 55000-122 | 55000-122AMP                   | Ampac Pty Ltd   | 010p-(cl-2)                       |
| 010p/06         | 55000-122 | 200-400                        | Eurotech Fire Systems Ltd                                 | 1213d                             |
| 010p/08         | 55000-126 | DT655L                         | UTC Fire & Security BV (branded as Aritech Ltd)           | 010p                              |
| 010p/08         | 55000-126 | 2000-301                       | Syncoln Ltd   | 010p-(cl-6)                       |
| 010p/09         | 55000-127 | DT655                          | UTC Fire & Security BV (branded as Aritech Ltd)           | 010p                              |
| 010p/09         | 55000-127 | F850677N                       | Chubb Fire & Security Ltd                                 | 010p                              |

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Alternative Model Cross-Listed Co LPCB Model No. Cross-listed company No./Label Cert./ Ref No. Ref No. 010p/09 55000-127 55000-127AMP Ampac Pty Ltd 010p-(cl-2) 010p/09 55000-127 200-401 Eurotech Fire Systems Ltd 1213d 55000-131 DT656L UTC Fire & Security BV (branded as 010p/11 010p Aritech Ltd) 55000-132 DT656 010p/12 UTC Fire & Security BV (branded as 010p Aritech Ltd) 010p/12 55000-132 F850678N Chubb Fire & Security Ltd 010p 23900-K038-065 UTC Fire & Security BV (branded as 55000-132 010p/12 010p Kidde Products Ltd) 55000-132 010p/12 55000-132AMP 010p-(cl-2) Ampac Pty Ltd 010p/12 55000-132 200-402 Eurotech Fire Systems Ltd 1213d 010p/14 55000-136 2000-302 Syncoln Ltd 010p-(cl-6) 55000-137 DT657 UTC Fire & Security BV (branded as 010p/15 010p Aritech Ltd) 010p/15 55000-137 F850679N Chubb Fire & Security Ltd 010p 55000-137AMP 010p-(cl-2) 010p/15 55000-137 Ampac Pty Ltd 010p/15 55000-137 200-403 Eurotech Fire Systems Ltd 1213d 010p/20 55000-400 F850253N Chubb Fire & Security Ltd 010p 55000-400 23900-K042 UTC Fire & Security BV (branded as 010p 010p/20 Kidde Products Ltd) BF302XPH/C-Tec 010p/20 55000-400 Computionics Limited (Trading as 010p C-Tec) 55000-400 010p/20 55000-400 IMC Context Plus Limited 010p-(cl-4)

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| LPCB<br>Ref No. | Model No. | Alternative Model<br>No./Label | Cross-listed company                               | Cross-Listed Co<br>Cert./ Ref No. |
|-----------------|-----------|--------------------------------|--|-----------------------------------|
| 010p/20         | 55000-400 | SEN-A4013                      | Shield Fire, Safety and Security Ltd               | 010p-(cl-5)                       |
| 010p/20         | 55000-400 | 200-501                        | Eurotech Fire Systems Ltd                          | 1213d                             |
| 010p/21         | 55000-401 | F850278N                       | Chubb Fire & Security Ltd                          | 010p                              |
| 010p/21         | 55000-401 | DT 953                         | UTC Fire & Security BV (branded as<br>Aritech Ltd) | 010p                              |
| 010p/21         | 55000-401 | 55000-401 IMC                  | Context Plus Limited                               | 010p                              |
| 010p/21         | 55000-401 | 200-502                        | Eurotech Fire Systems Ltd                          | 1213d                             |
| 010p/22         | 55000-420 | DT 952                         | UTC Fire & Security BV (branded as<br>Aritech Ltd) | 010p                              |
| 010p/22         | 55000-420 | 55000-420AMP                   | Ampac Pty Ltd                                      | 010p-(cl-2)                       |
| 010p/23         | 55000-440 | SIL-A8012                      | Shield Fire, Safety and Security Ltd               | 010p-(cl-5)                       |

#### **Bases**

| LPCB<br>Ref No. | Model No. | Alternative Model<br>No./Label | Cross-listed company                               | Cross-Listed Co<br>Cert./ Ref No. |
|-----------------|-----------|--------------------------------|--|-----------------------------------|
| 010             | 45681-200 | DB860                          | UTC Fire & Security BV (branded as<br>Aritech Ltd) | 010                               |
| 010             | 45681-200 | 45681-200AMP                   | Ampac Pty Ltd                                      | 010p-(cl-2)                       |
| 010             | 45681-200 | 200-300                        | Eurotech Fire Systems Ltd                          | 1213                              |
| 010             | 45681-200 | 2000-100                       | Syncoln td   | 010p-(cl-6)                       |
| 010             | 45681-201 | 45681-201AMP                   | Ampac Pty Ltd                                      | 010p-(cl-2)                       |
| 010             | 45681-209 | EBI-12                         | Schneider Electric Fire & Security Oy              | 010                               |

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Cross-Listed Co LPCB Alternative Model Model No. Cross-listed company Ref No. No./Label Cert./ Ref No. 010 45681-209 45681-209AMP Ampac Pty Ltd 010p-(cl-2) 45681-210 EBI-10 Schneider Electric Fire & Security Oy 010 010 45681-210 UTC Fire & Security BV (branded as 010 DB950 010 Aritech Ltd) 45681-210IMC Context Plus Ltd 010 45681-210 010 010 45681-210 SEN-A4001 Shield Fire, Safety and Security Ltd 010 45681-210 200-111 010 Eurotech Fire Systems Ltd 1213 010 45681-210 5000-100 Syncoln Ltd 010p-(cl-6) 010 45681-210 45681-210AMP Ampac Pty Ltd 010p-(cl-2) UTC Fire & Security BV 010 45681-245 DB650 010 010 45681-215 SIL-A8058 Shield Fire, Safety and Security Ltd 010p-(cl-5) 45681-245 DB650 UTC Fire & Security BV 010 010 010 45681-245 SHB90002 010 Safety Hi-Tech Srl 010 45681-245 45681-245AMP 010p-(cl-2) Ampac Pty Ltd 010 45681-246 DB650R UTC Fire & Security BV 010 010 45681-246 45681-246AMP Ampac Pty Ltd 010p-(cl-2) 010 45681-247 45681-247AMP Ampac Pty Ltd 010p-(cl-2) 010 45681-248 45681-248AMP 010p-(cl-2) Ampac Pty Ltd

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