

Certificate of Product Approval

Certificate Number: 010ax

Issue: 08

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

Audible Warning Devices

45681-702
SA5500-300
SA5501-300
SA5500-350
SA5501-350
SA5500-351
SA5501-351

(refer to Appendix for details)

Standards

EN 54-3:2014 + A1:2019
EN 54-17:2005

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Signed for BRE Global Ltd

Z Major
Verifier

15 August 2024
Date of Issue

12 December 2013
Date of First Issue



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Certified Product	Description	LPCB Ref.No.
45681-702	Discovery Sounder Base (White) with Isolator (45681-292 and 45681-293 Caps) Notes: 1. Meets the requirements of EN 54-3 at the following tone settings: Tone 1 Apollo Evacuation Tone - 567Hz for 0.5s, 850Hz for 0.5s Tone 12 Alternating - (Hochiki & Fulleon) - 925Hz for 0.25s, 626Hz for 0.25s Tone 14 Medium Sweep - 800Hz to 970Hz at 1 Hz Tone 3 Dutch Slow Whoop (sweep) - 500Hz - 1200Hz for 3.5s, 0.5s off Tone 4 DIN Toe (sweep) - 1200Hz - 500Hz for 1s Tone 18 Swedish Fire Tone - 660Hz, 150ms on, 150ms off Tone 0 Apollo Alert Tone - 1s off, 1s 850Hz Tone 11 Continuous (Hochiki & Fulleon) - 925Hz Tone 13 Continuous - 970Hz Tone 2 Continuous - 850Hz Tone 17 Swedish all clear signal – Continuous — 660Hz 2. Type A and approved for sounder volumes 2-7 only.	010ax/01
SA5500-300	Intelligent Open Area Sounder (Red Body) with Short Circuit Isolator (SA5000-200, SA5000-202, 45681-210 and 29600-297) Notes: 1. Meets the requirements of EN 54-3 for the following tones: Tone 21 - Apollo Evacuation Tone – 522Hz, 0.5sec / 707 Hz, 0.5sec Tone 12 - Alternating (Hochiki & Fulleon) – 925Hz for 0.25sec / 626Hz for 0.25sec Tone 14 - Medium Sweep – 800Hz to 970Hz at 1Hz Tone 3 - Dutch Slow Whoop – 500Hz – 1200Hz in 3.5s, 0.5s off	010ax/02

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	<p>Tone 4 - German DIN Tone (sweep) – 1200Hz – 500Hz over 1sec Tone 18 - Swedish Fire Tone – 660Hz, 150ms on, 150ms off Tone 22 - Apollo Alert Tone – 1s off, 707Hz for 1s Tone 11 - Continuous (Hochiki & Fulleon) – 925Hz Tone 13 - Continuous – 970Hz Tone 2 - Continuous – 825Hz Tone 17 - Swedish All Clear Continuous – 660Hz</p> <p>2. Type A</p>	
SA5501-300	<p>Intelligent Open Area Sounder (White Body) with Short Circuit Isolator (SA5000-200, SA5000-202, 45681-210 and 29600-297)</p> <p>Notes:</p> <p>1. Meets the requirements of EN 54-3 for the following tones:</p> <p>Tone 21 - Apollo Evacuation Tone – 522Hz, 0.5sec / 707 Hz, 0.5sec Tone 12 - Alternating (Hochiki & Fulleon) – 925Hz for 0.25sec / 626Hz for 0.25sec Tone 14 - Medium Sweep – 800Hz to 970Hz at 1Hz Tone 3 - Dutch Slow Whoop – 500Hz – 1200Hz in 3.5s, 0.5s off Tone 4 - German DIN Tone (sweep) – 1200Hz – 500Hz over 1sec Tone 18 - Swedish Fire Tone – 660Hz, 150ms on, 150ms off Tone 22 - Apollo Alert Tone – 1s off, 707Hz for 1s Tone 11 - Continuous (Hochiki & Fulleon) – 925Hz Tone 13 - Continuous – 970Hz Tone 2 - Continuous – 825Hz Tone 17 - Swedish All Clear Continuous – 660Hz</p> <p>2. Type A</p>	010ax/03

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Certified Product	Description	LPCB Ref.No.
SA5500-350	<p>Intelligent Open Area Sounder Visual Indicator (White Flash, Red Body) with Short Circuit Isolator (SA5000-200, SA5000-202, 45681-210 and 29600-297)</p> <p>Notes:</p> <ol style="list-style-type: none"> Meets the requirements of EN 54-3 for the following tones: <ul style="list-style-type: none"> Tone 21 - Apollo Evacuation Tone – 522Hz, 0.5sec / 707 Hz, 0.5sec Tone 12 - Alternating (Hochiki & Fulleon) – 925Hz for 0.25sec / 626Hz for 0.25sec Tone 14 - Medium Sweep – 800Hz to 970Hz at 1Hz Tone 3 - Dutch Slow Whoop – 500Hz – 1200Hz in 3.5s, 0.5s off Tone 4 - German DIN Tone (sweep) – 1200Hz – 500Hz over 1sec Tone 18 - Swedish Fire Tone – 660Hz, 150ms on, 150ms off Tone 22 - Apollo Alert Tone – 1s off, 707Hz for 1s Tone 11 - Continuous (Hochiki & Fulleon) – 925Hz Tone 13 - Continuous – 970Hz Tone 2 - Continuous – 825Hz Tone 17 - Swedish All Clear Continuous – 660Hz Type A 	010ax/04
SA5501-350	<p>Intelligent Open Area Sounder Visual Indicator (White Flash, White Body) with Short Circuit Isolator (SA5000-200, SA5000-202, 45681-210 and 29600-297)</p> <p>Notes:</p> <ol style="list-style-type: none"> Meets the requirements of EN 54-3 for the following tones: <ul style="list-style-type: none"> Tone 21 - Apollo Evacuation Tone – 522Hz, 0.5sec / 707 Hz, 0.5sec Tone 12 - Alternating (Hochiki & Fulleon) – 925Hz for 0.25sec / 626Hz for 0.25sec Tone 14 - Medium Sweep – 800Hz to 970Hz at 1Hz Tone 3 - Dutch Slow Whoop – 500Hz – 1200Hz in 3.5s, 0.5s off 	010ax/05

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Certified Product	Description	LPCB Ref.No.
	<p>Tone 4 - German DIN Tone (sweep) – 1200Hz – 500Hz over 1sec Tone 18 - Swedish Fire Tone – 660Hz, 150ms on, 150ms off Tone 22 - Apollo Alert Tone – 1s off, 707Hz for 1s Tone 11 - Continuous (Hochiki & Fulleon) – 925Hz Tone 13 - Continuous – 970Hz Tone 2 - Continuous – 825Hz Tone 17 - Swedish All Clear Continuous – 660Hz</p> <p>2. Type A</p>	
SA5500-351	<p>Intelligent Open Area Sounder Visual Indicator (Red Flash, Red Body) with Short Circuit Isolator (SA5000-200, SA5000-202, 45681-210 and 29600-297)</p> <p>Notes:</p> <p>1. Meets the requirements of EN 54-3 for the following tones:</p> <p>Tone 21 - Apollo Evacuation Tone – 522Hz, 0.5sec / 707 Hz, 0.5sec Tone 12 - Alternating (Hochiki & Fulleon) – 925Hz for 0.25sec / 626Hz for 0.25sec Tone 14 - Medium Sweep – 800Hz to 970Hz at 1Hz Tone 3 - Dutch Slow Whoop – 500Hz – 1200Hz in 3.5s, 0.5s off Tone 4 - German DIN Tone (sweep) – 1200Hz – 500Hz over 1sec Tone 18 - Swedish Fire Tone – 660Hz, 150ms on, 150ms off Tone 22 - Apollo Alert Tone – 1s off, 707Hz for 1s Tone 11 - Continuous (Hochiki & Fulleon) – 925Hz Tone 13 - Continuous – 970Hz Tone 2 - Continuous – 825Hz Tone 17 - Swedish All Clear Continuous – 660Hz</p> <p>2. Type A</p>	010ax/06

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Certified Product	Description	LPCB Ref.No.
SA5501-351	<p>Intelligent Open Area Sounder Visual Indicator (Red Flash, White Body) with Short Circuit Isolator (SA5000-200, SA5000-202, 45681-210 and 29600-297)</p> <p>Notes:</p> <p>1. Meets the requirements of EN 54-3 for the following tones:</p> <ul style="list-style-type: none"> Tone 21 - Apollo Evacuation Tone – 522Hz, 0.5sec / 707 Hz, 0.5sec Tone 12 - Alternating (Hochiki & Fulleon) – 925Hz for 0.25sec / 626Hz for 0.25sec Tone 14 - Medium Sweep – 800Hz to 970Hz at 1Hz Tone 3 - Dutch Slow Whoop – 500Hz – 1200Hz in 3.5s, 0.5s off Tone 4 - German DIN Tone (sweep) – 1200Hz – 500Hz over 1sec Tone 18 - Swedish Fire Tone – 660Hz, 150ms on, 150ms off Tone 22 - Apollo Alert Tone – 1s off, 707Hz for 1s Tone 11 - Continuous (Hochiki & Fulleon) – 925Hz Tone 13 - Continuous – 970Hz Tone 2 - Continuous – 825Hz Tone 17 - Swedish All Clear Continuous – 660Hz <p>2. Type A</p>	010ax/07

Accessories

45681-292	White Cap (Lockable)
45681-293	Red Cap (Lockable)
SA5000-200	XPERT8 (White) Intelligent Base
SA5000-202	XPERT8 (Red) Intelligent Base
45681-210	Intelligent Mounting Base
29600-297	BESA Adaptor Plate (kit of 5)

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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.
010ax/01	45681-702	SEN-A4026	Shield Fire, Safety & Security Ltd	010ax-(cl-1)
010ax/01	45681-702	45681-702AMP	Ampac Pty Ltd	010ax-(cl-2)

Accessories

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
010ax	45681-292	SEN-A4027	Shield Fire, Safety & Security Ltd	010ax-(cl-1)
010ax	45681-292	45681-292	Ampac Pty Ltd	010ax-(cl-2)
010ax	45681-293	SEN-A4028	Shield Fire, Safety & Security Ltd	010ax-(cl-1)
010ax	45681-293	45681-293	Ampac Pty Ltd	010ax-(cl-2)

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