LPCB®

Certificate of Product Approval

Computionics (trading as C-Tec) Ltd

CERTIFICATE NUMBER	ISSUE	COMPANY ADDRESS
176e	12	Challenge Way Martland Park Wigan, Lancashire WN5 0LD United Kingdom

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
Alarm Warning Devices BF430A/CX/SR BF430A/CX/DR BF431A/CX/W CA450A/SW CA450A/SR CA431A/W CA430A/SR CA430A/DR CA430A/DR/65 HP450A/SW HP431A/W (refer to Appendix for details)	EN 54-3:2014 + A1:2019 EN 54-17:2005

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Signed for BRE Global Ltd	Z Major Verifier	01 April 2026 Date of Issue

16 October 2015
Date of First Issue

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Certified Product	Description	LPCB Ref No.
BF430A/CX/SR	Hi-Output Addressable Type A (indoor) Wall Sounder with Short Circuit Isolator, Shallow Base (Red) (Apollo Discovery) Note: 1. Meets the requirements of EN 54-3 at the following tones: - Evacuate, 572Hz for 0.5s, 720Hz for 0.5s - Alternating, 962Hz for 0.25s, 572Hz for 0.25s - Dutch slow sweep, 500Hz to 1200Hz for 3.5s on, 0.5s off	176e/01
BF430A/CX/DR	Hi-Output Addressable Type B (outdoor) Wall Sounder with Short Circuit Isolator, Deep Base (Red) (Apollo Discovery) Note: 1. Meets the requirements of EN 54-3 at the following tones: - Evacuate, 572Hz for 0.5s, 720Hz for 0.5s - Alternating, 962Hz for 0.25s, 572Hz for 0.25s - Dutch slow sweep, 500Hz to 1200Hz for 3.5s on, 0.5s off	176e/02
BF431A/CX/W	Addressable Type A (indoor) Ceiling Sounder Base with Short Circuit Isolator (Apollo Discovery) Notes: 1. Meets the requirements of EN 54-3 at the following tones: - Evacuate, 550Hz for 0.5s, 825Hz for 0.5s - Alternating, 925Hz for 0.25s, 626Hz for 0.25s - Dutch slow sweep, 500Hz to 1200Hz for 3.5s on, 0.5s off 2. Can be used as either: - A stand-alone device with locking white cap (BF330CTLIDW), or red cap (BF330CTLIDR), or - A stacked sounder base combination with detectors from the Apollo Discovery range	176e/03
CA430A/SR	Addressable CAST Protocol Type A High Output Wall Sounder with Short Circuit Isolator, Shallow Base, Red, IP21 (BFIPPLATE/R) Note: Meets the requirements of EN 54-3 at the following tones:	176e/04

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	- Evacuate, 675Hz for 0.5s, 925Hz for 0.5s - Fast Warble, 920Hz for 0.25s, 975Hz for 0.25s - Dutch Slow Whoop (sweep), 500Hz to 1200Hz for 3.5s on, 0.5s off - German DIN Tone, 1200Hz to 500Hz for 1s - French Fire Tone, 554Hz for 100ms/440Hz for 400ms - US Temporal LF (ISO 8201), 3x(970Hz, 0.5s on, 0.5s off), 1s off - Operating voltage range 24-40V dc	
CA430A/DR	Addressable CAST Protocol Type B High Output Wall Sounder with Short Circuit Isolator, Deep Base, Red, IP33 (BFIPPLATE/R) Note: Meets the requirements of EN 54-3 at the following tones: - Evacuate, 675Hz for 0.5s, 925Hz for 0.5s - Fast Warble, 920Hz for 0.25s, 975Hz for 0.25s - Dutch Slow Whoop (sweep), 500Hz to 1200Hz for 3.5s on, 0.5s off - German DIN Tone, 1200Hz to 500Hz for 1s - French Fire Tone, 554Hz for 100ms/440Hz for 400ms - US Temporal LF (ISO 8201), 3x(970Hz, 0.5s on, 0.5s off), 1s off - Operating voltage range 24-40V dc	176e/05
CA430A/DR/65	Addressable CAST Protocol Type B High Output Wall Sounder with Short Circuit Isolator, Deep Base, Red, IP55 (BFIPPLATE/R and IP55 Deep Base) Note: Meets the requirements of EN 54-3 at the following tones: - Evacuate, 675Hz for 0.5s, 925Hz for 0.5s - Fast Warble, 920Hz for 0.25s, 975Hz for 0.25s - Dutch Slow Whoop (sweep), 500Hz to 1200Hz for 3.5s on, 0.5s off - German DIN Tone, 1200Hz to 500Hz for 1s - French Fire Tone, 554Hz for 100ms/440Hz for 400ms - US Temporal LF (ISO 8201), 3x(970Hz, 0.5s on, 0.5s off), 1s off - Operating voltage range 24-40V dc	176e/06
CA450A/SW	Addressable CAST Protocol Type A Compact Sounder with Short Circuit Isolator, Shallow Base, White Body, IP21C (BFIPPLATE/R, BFIPPLATE/W) Note:	176e/07

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	Meets the requirements of EN 54-3 at the following tones: - Evacuate, 535Hz for 0.5s, 800Hz for 0.5s - Fast Warble, 800Hz for 0.25s, 645Hz for 0.25s - Dutch Slow Whoop, 500Hz to 1200Hz for 3.5s on, 0.5s off - German DIN Tone, 1200Hz to 500Hz for 1s - French Fire Tone, 554Hz for 100ms/440Hz for 400ms - Operating voltage range 24-40VDC	
CA450A/SR	Addressable CAST Protocol Type A Compact Sounder with Short Circuit Isolator, Shallow Base, Red Body, IP21C (BFIPPLATE/R, BFIPPLATE/W) Note: Meets the requirements of EN 54-3 at the following tones: - Evacuate, 535Hz for 0.5s, 800Hz for 0.5s - Fast Warble, 800Hz for 0.25s, 645Hz for 0.25s - Dutch Slow Whoop, 500Hz to 1200Hz for 3.5s on, 0.5s off - German DIN Tone, 1200Hz to 500Hz for 1s - French Fire Tone, 554Hz for 100ms/440Hz for 400ms - Operating voltage range 24-40VDC	176e/07
CA431A/W	Addressable CAST Protocol Type A Ceiling Base Sounder with Short Circuit Isolator, White, IP21C (BF431QCP) Note: 1. Meets the requirements of EN 54-3 for the following tones: - Evacuate, 610 Hz for 0.5 sec, 810 Hz for 0.5 sec - Fast Warble, 810 Hz for 0.25 sec, 610 Hz for 0.25 sec - Dutch Slow Whoop (sweep), 500 Hz to 1200 Hz for 3.5 sec on, 0.5 sec off - German DIN Tone, 1200Hz-500Hz for 1s - French Fire Tone, 554Hz for 100ms/440Hz for 440ms - Operating voltage range 24-40V dc	176e/08
HP431A/W	HP Type A Base Sounder with Short Circuit Isolator, White, IP21C Note: 1. Meets the requirements of EN 54-3 for the following tones: - Evacuate, 610 Hz for 0.5 sec, 810 Hz for 0.5 sec - Fast Warble, 810 Hz for 0.25 sec, 610 Hz for 0.25 sec	176e/08

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Bases

Deep Base	IP33C
Shallow Base	IP21C
Deep Base	IP55
BFIPPLATE/R	IP Protection Plate for Compact / Hi OP / Sounder VAD - Red
BFIPPLATE/W	IP Protection Plate for Compact / Hi OP / Sounder VAD - White
BF431QCP	Quick Connect Plate

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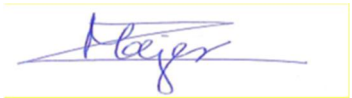
Alternative Model No./Label

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co. Cert/Ref No.
176e/02	BF430A/CX/DR	CON430A/CX/DR	Context Plus Limited	176e-(cl-3)
176e/03	BF431A/CX/W	CON431A/CX/W	Context Plus Limited	176e-(cl-3)
176e/03	BF431A/CX/W	SEN431A/CX/W	Shield Fire, Safety and Security Limited	176e-(cl-2)
176e/06	CA430A/DR/65	CA430A/DR/65/CON	Context Plus Limited	176e-(cl-3)
176e/07	CA450A/SR	CA450A/SR/CON	Context Plus Limited	176e-(cl-3)
176e/08	CA431A/W	CA431A/W/CON	Context Plus Limited	176e-(cl-3)

Bases

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co. Cert/Ref No.
176e	Shallow Base	Shallow Base	Context Plus Limited	176e-(cl-3)
176e	Deep Base	Deep Base	Context Plus Limited	176e-(cl-3)
176e	BFIPPLATE/R	BFIPPLATE/R	Context Plus Limited	176e-(cl-3)
176e	BFIPPLATE/W	BFIPPLATE/W	Context Plus Limited	176e-(cl-3)

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