

Certificate of Product Approval

Certificate Number: 176e

Issue: 04

Computationics (trading as CTEC) Ltd

Challenge Way
Martland Park
Wigan
Lancashire
WN5 0LD
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

Alarm Warning Devices

BF430A/CX/SR
BF430A/CX/DR
BF431A/CX/W
CA450A/SW
CA450A/SR
(refer to Appendix for details)

Standards

EN 54-3:2001 + A1:2002 + A2:2006
EN 54-17:2005

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

P Halligan

Verifier

05 June 2018

Date of Issue

16 October 2015

Date of First Issue



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Appendix to Certificate No: 176e

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Compuionics (trading as CTEC) Ltd

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
CA450A/SW	Addressable CAST Protocol Type A Compact Sounder with Short Circuit Isolator, Shallow Base, White 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	176e/07

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Certified Product	Description	LPCB Ref.No.
	<ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - 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

Bases

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

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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-1)
176e/03	BF431A/CX/W	CON431A/CX/W	Context Plus Limited	176e-(cl-1)

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