

Certificate of Product Approval

Certificate Number: 176r

Issue: 03

Computationics (trading as C-TEC) 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 Device

BF432C/CC/W

BF456C/CC/W

BF433C/CC/SR

BF433C/CC/DR

BF433C/CC/DR/65

(refer to Appendix for details)

Standards

EN 54-3:2014 + A1:2019

EN 54-23:2010

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

17 October 2022

Date of Issue

19 October 2018

Date of First Issue



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Appendix to Certificate No: 176r Compuionics (trading as C-TEC) Ltd

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Certified Product	Description	LPCB Ref.No.
BF432C/CCAW	<p>Conventional Type A Indoor O Class Base Sounder VAD, White LED (White Enclosure) IP21C</p> <p>Notes:</p> <ol style="list-style-type: none"> Approved to EN 54-3 (High volume only) at the following tones: <ul style="list-style-type: none"> - 1 – CTEC Evacuation Tone (610Hz for 0.5s, 810Hz for 0.5s) - 3 – CTEC Fast Warble (810Hz for 0.25s, 610Hz for 0.25s) - 5 – Dutch Slow Whoop (sweep) (500-1200Hz for 3.5s, 0.5s off) - 6 – DIN Tone (1200Hz-500Hz for 1s) - 15 – French Fire Tone (554Hz for 100ms / 440Hz for 380ms to 420ms) - Operating Voltage 18-30 VDC Meets the requirements of EN 54-23 for the following: <ul style="list-style-type: none"> - Category O-R-3-2.5-17 - Flash rate 0.5Hz synchronised - Operating voltage range 18-30 VDC The device must be used with Quick Connect Plate (BF431/QCP) Can be used as either: <ul style="list-style-type: none"> - A stand-alone device with locking white cap (BF330CTLIDW) or red cap (BF330CTLIDR), or, - A stacked sounder/VAD combination with detectors from C-TECs range of Activ conventional detectors <p>- C4408 Activ basic base, shall be used when detector is fitted.</p>	176r/01
BF456C/CCAW	<p>Conventional Type A Indoor C Class Base Sounder VAD, White LED (White Enclosure) IP21C</p> <p>Notes:</p> <ol style="list-style-type: none"> Approved to EN 54-3 (High volume only) at the following tones: <ul style="list-style-type: none"> - 1 – CTEC Evacuation Tone (610Hz for 0.5s, 810Hz for 0.5s) - 3 – CTEC Fast Warble (810Hz for 0.25s, 610Hz for 0.25s) - 5 – Dutch Slow Whoop (sweep) (500-1200Hz for 3.5s, 0.5s off) 	176r/02

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	<ul style="list-style-type: none"> - 6 – DIN Tone (1200Hz-500Hz for 1s) - 15 – French Fire Tone (554Hz for 100ms / 440Hz for 380ms to 420ms) - Operating Voltage 18-30 VDC <p>2) Meets the requirements of EN 54-23 for the following:</p> <ul style="list-style-type: none"> - Category C-3-8.5 - Flash rate 0.5Hz synchronised - Operating voltage range 18-30 VDC <p>3) The device must be used with Quick Connect Plate (BF431/QCP) Can be used as either:</p> <ul style="list-style-type: none"> - A stand-alone device with locking white cap (BF330CTLIDW) or red cap (BF330CTLIDR), or, - A stacked sounder/VAD combination with detectors from C-TECs range of Activ conventional detectors <p>- C4408 Activ basic base, shall be used when detector is fitted.</p>	
BF433C/CC/SR	<p>Conventional Type A Indoor Hi Op Wall Sounder VAD (Red Enclosure), Shallow Base, IP21C</p> <p>Notes:</p> <p>1) Approved to EN 54-3 at the following tones:</p> <ul style="list-style-type: none"> - 1 – CTEC Evacuation Tone (675Hz for 0.5s, 925Hz for 0.5s) - 3 – CTEC Fast Warble (920Hz for 0.25s, 975Hz for 0.25s) - 5 – Dutch Slow Whoop (sweep) (500-1200Hz for 3.5s, 0.5s off) - 6 – DIN Tone (1200Hz-500Hz for 1s) - 15 – French Fire Tone (554Hz for 100ms / 440Hz for 380ms to 420ms) <p>2) Meets the requirements of EN 54-23 for the following:</p> <ul style="list-style-type: none"> - Category W-2.75-9 / W-4-4 - Flash rate 0.5Hz synchronised - Operating voltage range 18-30 VDC 	176r/03

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Certified Product	Description	LPCB Ref.No.
BF433C/CC/DR	Conventional Type B Outdoor Hi Op Wall Sounder VAD (Red Enclosure), Deep Base, IP33C Notes: 1) Approved to EN 54-3 at the following tones: - 1 – CTEC Evacuation Tone (675Hz for 0.5s, 925Hz for 0.5s) - 3 – CTEC Fast Warble (920Hz for 0.25s, 975Hz for 0.25s) - 5 – Dutch Slow Whoop (sweep) (500-1200Hz for 3.5s, 0.5s off) - 6 – DIN Tone (1200Hz-500Hz for 1s) - 15 – French Fire Tone (554Hz for 100ms / 440Hz for 380ms to 420ms) 2) Meets the requirements of EN 54-23 for the following: - Category W-2.75-9 / W-4-4 - Flash rate 0.5Hz synchronised - Operating voltage range 18-30 VDC	176r/04
BF433C/CC/DR /65	Conventional Type B Outdoor Hi Op Wall Sounder VAD (Red Enclosure), Deep Base, IP55C Notes: 1) Approved to EN 54-3 at the following tones: - 1 – CTEC Evacuation Tone (675Hz for 0.5s, 925Hz for 0.5s) - 3 – CTEC Fast Warble (920Hz for 0.25s, 975Hz for 0.25s) - 5 – Dutch Slow Whoop (sweep) (500-1200Hz for 3.5s, 0.5s off) - 6 – DIN Tone (1200Hz-500Hz for 1s) - 15 – French Fire Tone (554Hz for 100ms / 440Hz for 380ms to 420ms) 2) Meets the requirements of EN 54-23 for the following: - Category W-2.75-9 / W-4-4 - Flash rate 0.5Hz synchronised - Operating voltage range 18-30 VDC	176r/05

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Bases:

Deep base
Shallow base
C4408 Activ Base

Accessories:

BF431/QCP	Quick Connect Plate
BF330CTLIDW	White Cap
BF330CTLIDR	Red Cap

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