

Certificate of Constancy of Performance

0359-CPR-00445



In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s).

Product(s): **C-TEC ZFP Range of Control and Indicating Equipment**
(refer to attached appendix for details and conditions)

Produced by or for: **Computationics Limited (Trading as C-TEC)**
Challenge Way, Martland Park, Wigan, WN5 0LD

Produced in the manufacturing plant(s): **Computationics Limited (Trading as C-TEC)**
Challenge Way, Martland Park, Wigan, WN5 0LD

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN54-2:1997+A1:2006
Fire detection and fire alarm systems – Control and indicating equipment

EN54-4:1997+A1:2002+A2:2006
Fire detection and fire alarm systems – Power supply equipment

Under system 1 are applied and that the product(s) fulfils all the prescribed requirements set out above.

This certificate was first issued on **19 May 2015** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly

Notified Body
0359

Intertek Testing & Certification
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Operations
Manager

Oliver Richardson

Date 19/05/2015
Issue 1

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
CM14 5NQ, United Kingdom

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Appendix to Certificate of Constancy of Performance 0359-CPR-00445

The details and condition of use for the C-TEC Compact Range of Fire Detectors, placed on the market by:

Computationics Limited (Trading as C-TEC)
Challenge Way, Martland Park, Wigan, WN5 0LD

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Products compliant with EN54-2:1997+A1:2006

Variant	Description
ZFP-1	ZFP-1 Loop fire alarm control panel
ZFP-2	ZFP-2 Loop fire alarm control panel
ZFP-4	ZFP-4 Loop fire alarm control panel
ZFP-Series (ZFP-x)	ZFP-x Loop fire alarm control panel

Comprising of:

ZFP-Series	Fire alarm control panel
BF362-5	Power supply

Approved Accessories:

Z48	40-zone indicator module
Z02/LOOP/X	Loop expansion board
Z11	4 relay PCB
Z12	8 relay PCB
Z13	8-I/O PCB
Z14	16-I/O PCB

Refer to manufacturer's data for details of configuration options.

Products compliant with EN54-4:1997+A1:2002+A2:2006

Variant	Description
BF362-5	Power supply

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Conditions of use;

Suitable for indoor use.

Option with requirements evaluated as being compliant:

Clause 7.8	Output to fire alarm devices
Clause 7.11	Delays to outputs
Clause 7.12	Dependencies on more than one alarm signal
Clause 7.13	Alarm counter
Clause 8.3	Fault signals from points
Clause 9.5	Disablement of addressable points
Clause 10.0	Test condition

General Notes:

1. Tested under Intertek project number 101237162
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

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Appendix to Certificate of Constancy of Performance 0359-CPR-00445 (continued)

<i>Table of performance for EN54-2:1997+A1:2006</i>			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance under fire conditions	Pass	4, 5, 7	a) b) c) d)
Response delay (response time to fire)	Pass	7.1, 7.7, 7.11, 7.12	
Operational reliability	Pass	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	b) c) d) e) f) g) h)
Durability of operational reliability, Temperature resistance	Pass	15.4	
Durability of operational reliability, Vibration resistance	Pass	15.6, 15.7, 15.15	
Durability of operational reliability, Electrical stability	Pass	15.8 to 15.13	
Durability of operational reliability: humidity resistance	Pass	15.5, 15.14	
<i>Control and Indicating Equipment (CIE) in the following notes, relates to models ZFP-1, ZFP-2 and ZFP-4</i>			
<p>a. <i>The products covered by this standard are assumed to function during the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.</i></p> <p>b. <i>The CIE did not provide the option for the reception of an input signal from fire alarm routing equipment; Clause 7.9.2 was therefore not applicable.</i></p> <p>c. <i>The CIE did not provide the option of Outputs to fire protection equipment; Clause 7.10 was therefore not applicable.</i></p> <p>d. <i>The CIE did not provide the option of Type C dependency; Clause 7.12.3 was therefore not applicable.</i></p> <p>e. <i>The CIE was not intended to be housed in more than one enclosure; Clauses 8.2.4e, 8.2.6a, 12.3.2 and 12.5.3 were therefore not applicable.</i></p> <p>f. <i>The CIE did not provide the option to indicate total loss of power supply condition; Clause 8.4 was therefore not applicable.</i></p> <p>g. <i>The CIE did not provide the option of standardised input/output interface; Clause 11 was therefore not applicable.</i></p> <p>h. <i>The CIE and power supply were housed in the same enclosure; Clause 12.5.4 was therefore not applicable.</i></p>			

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Appendix to Certificate of Constancy of Performance 0359-CPR-00445 (continued)

<i>Table of performance for EN54-4:1997+A1:2002+A2:2006</i>			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance of power supply	Pass	4, 5, 6	a), b)
Operational reliability	Pass	4, 5, 6, 7, 8	a), b)
Durability of operational reliability, Temperature resistance	Pass	9.5	
Durability of operational reliability, Vibration resistance	Pass	9.7, 9.8, 9.15	
Durability of operational reliability, Electrical stability	Pass	9.9 to 9.13	
Durability of operational reliability: humidity resistance	Pass	9.6, 9.14	
<i>Control and Indicating Equipment (CIE) in the following notes, relates to models ZFP-1, ZFP-2 and ZFP-4</i>			
a. <i>The products covered by this standard are assumed to function during the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.</i>			
b. <i>The PSE is incorporated within the CIE enclosure; Clauses 4.2.9, 6.2.4, 6.2.6 and 6.4 were therefore not applicable.</i>			

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