

Certificate of Constancy of Performance

0359-CPR-00183

Issue 2



Appendix to Certificate of Constancy of Performance 0359-CPR-00183

The details and condition of use for the C-Tec ActiV Conventional Range of Fire Detectors, placed on the market by:

Compuionics 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 EN54-5:2000 + A1:2002:

| Variant | Description |
|----------|--|
| C4403A1R | ActiV Conventional Class A1R rate of rise heat detector |
| C4403A2 | ActiV Conventional Class A2 fixed temperature heat detector |
| C4403B | ActiV Conventional Class B fixed temperature heat detector |
| C4414 | ActiV Conventional multisensor fire detector <i>Class A2 heat detection</i> |

Products compliant with EN54-7:2000 + A1:2002 + A2:2006:

| Variant | Description |
|---------|---|
| C4416 | ActiV Conventional optical smoke detector <i>Standard optical sensitivity</i> |
| C4414 | ActiV Conventional multisensor fire detector <i>Low optical sensitivity with Class A2 heat enhancement</i> |

Bases:

| Variant | Description |
|---------|--|
| C4408 | ActiV Conventional detector base |
| C4408D | ActiV Conventional diode detector base |

Conditions of use;

Suitable for indoor applications

General Notes:

1. Tested under Intertek project number 100742793.
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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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-00183 (continued)

| <i>Table of performance for EN54-5:2000 + A1:2002</i> | | | |
|--|-------------|---|-------------------------------------|
| Harmonised technical specification | | | |
| Essential characteristics | Performance | Requirement clauses in this European standard | |
| | | Clauses in EN54-5 2000 + A1:2002 | Notes |
| Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions | Pass | 4.2, 4.3, 5.2 to 5.6, 5.8, 6.1, 6.2 | Clause 6.2 applies to C4403A1R only |
| Operational reliability | Pass | 4.4 to 4.11 | |
| Tolerance of supply voltage | Pass | 5.7 | |
| Durability of operational reliability (temperature resistance) | Pass | 5.9, 5.10 | |
| Durability of operational reliability (vibration resistance) | Pass | 5.14 to 5.17 | |
| Durability of operational reliability (humidity resistance) | Pass | 5.11, 5.12 | |
| Durability of operational reliability (corrosion resistance) | Pass | 5.13 | |
| Durability of operational reliability (electrical stability) | Pass | 5.18 | |
| <i>Note: ActiV detector model number C4414 (Multisensor Fire Detector) also has a declared performance relating to EN54-7:2000 + A1:2002 + A2:2006</i> | | | |

| <i>Table of performance for EN54-7:2000 + A1:2002 + A2:2006</i> | | | |
|--|-------------|---|-------|
| Harmonised technical specification | | | |
| Essential characteristics | Performance | Requirement clauses in this European standard | |
| | | Clauses in EN54-7 2000 + A1:2002 + A2:2006 | Notes |
| Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions | Pass | 4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18 | |
| Operational reliability | Pass | 4.2 to 4.7, 4.9 to 4.11 | |
| Tolerance to supply voltage | Pass | 5.5 | |
| Durability of operational reliability and response delay; temperature resistance | Pass | 5.8, 5.9 | |
| Durability of operational reliability; vibration resistance | Pass | 5.13 to 5.16 | |
| Durability of operational reliability; humidity resistance | Pass | 5.10, 5.11 | |
| Durability of operational reliability; corrosion resistance | Pass | 5.12 | |
| Durability of operational reliability; electrical stability | Pass | 5.17 | |
| <i>Note: ActiV detector model number C4414 (Multisensor Fire Detector) also has a declared performance relating to EN54-5:2000 + A1:2002</i> | | | |

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