

Certificate of Constancy of Performance



0359-CPR-00402

Appendix to Certificate of Constancy of Performance 0359-CPR-00402

The details and condition of use for the Ramtech wireless Fire Points, placed on the market by:

Ramtech Electronics Limited

Abbeyfield House, Abbeyfield Road, Nottingham, NG7 2SZ

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 EN54-3:2001+A1:2002+A2:2006, EN54-11:2001+A1:2005 and EN54-25:2008+AC:2012:

| Variant | Description |
|-----------------|--|
| W2-FPT-SRO-N-UK | Wireless Manual call point / sounder |
| W2-FPT-SRO-N-DE | Wireless Manual call point / sounder |
| W2-FPT-SRO-N-FR | Wireless Manual call point / sounder |
| W2-FPT-SRO-U-UK | Wireless Manual call point / sounder with USB interface |
| W2-FPT-SRO-U-DE | Wireless Manual call point / sounder with USB interface |
| W2-FPT-SRO-U-FR | Wireless Manual call point / sounder with USB interface |
| W2-FPT-CSS-N-UK | Wireless Manual call point / sounder / beacon |
| W2-FPT-CSS-N-DE | Wireless Manual call point / sounder / beacon |
| W2-FPT-CSS-N-FR | Wireless Manual call point / sounder / beacon |
| W2-FPT-CSS-U-UK | Wireless Manual call point / sounder / beacon with USB interface |
| W2-FPT-CSS-U-DE | Wireless Manual call point / sounder / beacon with USB interface |
| W2-FPT-CSS-U-FR | Wireless Manual call point / sounder / beacon with USB interface |

Approved settings:

| Tone type | Tone No. | Code | Description |
|-----------|----------|----------|--|
| - | 2 | 10000x11 | 800 Hz to 950 Hz swept at 9 Hz |
| English | 6 | 10100x11 | 800 Hz to 970 Hz swept at 1 Hz |
| - | 19 | 01001x11 | 500 Hz rising to 1200 Hz over 3.5 sec, silence for 0.5 sec |
| German | 20 | 11001x11 | 1200 Hz falling to 500 Hz over 1 S, silence for 10 ms |
| French | 21 | 00101x11 | 554 Hz for 100 ms, 440 Hz for 400 ms |

Conditions of use:

Suitable for indoor and outdoor applications.

General Notes:

1. Evaluated under Intertek project number 101387012.
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.
3. Devices that do not derive their power by means of a physical electrical connection are outside the scope of EN54-3:2001+A1:2002+A2:2006 and EN54-23:2010, however, the manufacturer has voluntarily requested testing and compliance to EN54 3:2001+A1:2002+A2:2006.

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900, Fax: +44 (0)1372 370977, E-mail: cpd.uk@intertek.com

0359-CPR-00402
Issue 1

www.intertek.com

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CM14 5NQ, United Kingdom

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Appendix to Certificate of Constancy of Performance 0359-CPR-00402 (continued)

| Table of performance for EN54-3:2001+A1:2002+A2:2006 | | | |
|---|-------------|---|-------|
| Harmonised technical specification | | | |
| Essential characteristics | Performance | Clauses | Notes |
| Performance under fire conditions | Pass | 4.2, 4.3, 5.2, 5.3, C.3.1, C.3.2, C.5.1, C.5.2, C.5.3 | a, b |
| Operational reliability | Pass | 4.4, 4.5, 4.6, 5.4, C4 | a |
| Durability of operational reliability; temperature resistance | Pass | 5.5, 5.6, 5.7, 5.8, 5.9 | c, e |
| Durability of operational reliability; humidity resistance | Pass | 5.8, 5.9, 5.10 | c |
| Durability of operational reliability; corrosion resistance | Pass | 5.11 | |
| Durability of operational reliability; shock and vibration resistance | Pass | 5.12 to 5.15 | |
| Durability of operational reliability; electrical stability | Pass | 5.16 | c |
| Durability of operational reliability; resistance to ingress | Pass | 5.17 | d |
| <p><i>Notes:</i></p> <p>a. Clauses C.3.1, C.3.2, C4, C.5.1, C.5.2 and C.5.3 are only applicable to voice sounders; these clauses were not therefore assessed.</p> <p>b. Clauses C.3.2 and C.5.3 are only applicable to voice sounders with the message synchronisation option; these clauses were not therefore assessed.</p> <p>c. Clauses 5.16.2.1c, 5.16.2.1d and 5.16.2.1e are only applicable if cables are connected to the device; these clauses were not therefore assessed.</p> <p>d. For Clauses 5.5, 5.7, 5.8 and 5.17, Type B conditioning was applied.</p> | | | |

Appendix to Certificate of Constancy of Performance 0359-CPR-00402 (continued)

| Table of performance for EN54-11:2001+A1:2005 | | | |
|--|-------------|--|-------|
| Harmonised technical specification | | | |
| Essential characteristics | Performance | Clauses | Notes |
| Scope | NPD | 1 | a |
| Nominal activation conditions / Sensitivity and Performance under fire conditions | Pass | 4.3.2, 4.4, 4.7.1, 4.7.4, 5.2, 5.3 | |
| Operational reliability | Pass | 4.2, 4.3.1, 4.5, 4.6, 4.7.2, 4.7.3, 4.7.5, 4.8, 5.4, 5.5 | |
| Durability of operational reliability; temperature resistance | Pass | 5.7, 5.8, 5.9 | b |
| Durability of operational reliability; vibration resistance | Pass | 5.14 to 5.17 | |
| Durability of operational reliability; humidity resistance | Pass | 5.10, 5.11, 5.12, 5.19 | b |
| Durability of operational reliability; corrosion resistance | Pass | 5.11, 5.13 | |
| Durability of operational reliability; electrical stability | Pass | 5.6, 5.18 | c |
| <p>Notes:</p> <p>a. <i>The device was not intended to be connected to a control and indicating equipment (CIE).</i></p> <p>b. <i>Clauses 5.8, 5.11 and 5.19 are only applicable for outdoor use.</i></p> <p>c. <i>Clauses 5.18.2.1c, 5.18.2.1d and 5.18.2.1e are only applicable if cables are connected to the device; these clauses were therefore not assessed.</i></p> | | | |

Appendix to Certificate of Constancy of Performance 0359-CPR-00402 (continued)

| Table of performance for EN54-25:2008+AC:2012 | | | |
|---|-------------|---|-------|
| Harmonised technical specification | | | |
| Essential characteristics | Performance | Clauses | Notes |
| Performance parameters under fire conditions | Pass | 4.1, 4.2.2, 5.2, 8.3.7 | a |
| Response delay (response time to fire) | Pass | 8.2.3, 8.2.6 | a, b |
| Operational reliability | Pass | 4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6 | b |
| Durability of operational reliability; temperature resistance | Pass | 8.3.9, 8.3.10, 8.3.11 | |
| Durability of operational reliability; vibration resistance | Pass | 8.3.16, 8.3.17 to 8.3.19 | |
| Durability of operational reliability; humidity resistance | Pass | 8.3.12, 8.3.13, 8.3.14 | c |
| Durability of operational reliability; corrosion resistance | Pass | 8.3.15 | |
| Durability of operational reliability; electrical stability | Pass | 8.3.20 | d, e |
| <p><i>Notes:</i></p> <p>a. The products covered by this standard are assumed to enter 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.</p> <p>b. Since there was no connection to a control and indicating equipment (CIE), the requirements within Clauses 8.2.3, 8.2.6, 8.2.7 and 8.2.8, which relate to connection to a CIE, were not therefore assessed.</p> <p>c. Clause 8.3.13 is only applicable for CIE and smoke detectors.</p> <p>d. Clauses 8.3.20.2c, 8.3.20.2d and 8.3.20.2e are only applicable if cables are connected to the device; these clauses were not therefore assessed.</p> <p>e. Clauses 8.3.20.2f and 8.3.20.2g are only applicable for mains supplied devices; these clauses were not therefore assessed.</p> | | | |