

Certificate of constancy of performance,

0832-CPR-F0518

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

2X-F1

(For full product details and conditions of use refer to appendix)

Produced by or for

UTC Fire & Security BV

**Kelvinstraat 7
NL-6003 DH
Weert
Netherlands**

and produced in the manufacturing plant(s)

UTC CCS Manufacturing Polska, Sp. Zo.o

**ul. Kolejowa 24
Ropczyce
39-100
Poland**

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

**EN 54-2: 1997 + A1:2006 Control and Indicating Equipment.
EN 54-4: 1997 + A1:2002 +A2:2006 Power Supply Equipment.
EN 54 - 21: 2006 Alarm transmissions and fault warning equipment.**

under system 1 are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 19 December 2013 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.



W Hunukumbure, Certification Scheme Manager
On behalf of BRE Global Limited
Date of issue: 15 January 2014
Issue number: 02

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Appendix to Certificate of constancy of performance 0832-CPR- F0518

The details and conditions of use for the 2X-F1 one loop intelligent analogue addressable fire control panels placed on the market by UTC Fire & Security BV, Kelvinstraat, NL-6003 DH, Weert, The Netherlands are:

To be used in accordance with the suppliers installations instructions and in conjunctions with the following bases ancillaries, sounder tones and sensitivity settings (where applicable)

2X-F1 Intelligent analogue addressable fire panel with user interface– 1 Loop

2X-F1-S Intelligent analogue addressable fire panel with user interface – 1 Loop small cabinet

Incorporating the following units:

2010-2F1-MB Main control board

2X-UI User interface control board

2010-2-PS-40 4A Power Supply

And as optional modules:

2X-ZI-20 (20 Zone) (Large cabinet variant only)

2X-ZI-40 (40 Zone) (Large cabinet variant only)

2010-2-NB Network card

2X-LB Loop Board (Large cabinet variant only)

2010-2-232-KIT Interface board for external printer

2010-2-PS-C2 UK mains cable for large cabinet

2010-2-PS-C2-S UK mains cable for small cabinet

2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)

2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)

2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)

2010-2-DACT with ATS7310 (GSM module)

2X-D-TP Translucent door option for large cabinet*

2X-D-TP-S Translucent door option for small cabinet*

2010-FS-EOL Fault Supervision End of Line unit



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2X-F1-SC Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop (Scandinavia)

2X-F1-SC-S Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop small cabinet (Scandinavia)

Incorporating the following units:

2010-2F1-MB Main control board
2X-UI-SC User interface control board
2010-2-PS-40 4A Power Supply

And as optional modules:

2X-ZI-20 (20 Zone) (Large cabinet variant only)
2X-ZI-40 (40 Zone) (Large cabinet variant only)
2010-2-NB Network card
2X-LB Loop Board (Large cabinet variant only)
2010-2-232-KIT Interface board for external printer
2010-SK Scandinavian key and lock assembly
2010-2-PS-C2 UK mains cable for large cabinet
2010-2-PS-C2-S UK mains cable for small cabinet
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)
2010-2-DACT with ATS7310 (GSM module)
2010-FS-EOL Fault Supervision End of Line unit



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2X-F1-FB2 Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop
2X-F1-FB2-S Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop small cabinet

Incorporating the following units:

2010-2F1-MB Main control board
2X-UI-FB2 User interface control board
2010-2-PS-40 4A Power Supply

And as optional modules:

2X-ZI-20 (20 Zone) (Large cabinet variant only)
2X-ZI-40 (40 Zone) (Large cabinet variant only)
2X-ZI-24-S (24 Zone) (Small cabinet variant only)
2010-2-NB Network card
2X-LB Loop Board (Large cabinet variant only)
2010-2-232-KIT Interface board for external printer
2010-2-PS-C2 UK mains cable for large cabinet
2010-2-PS-C2-S UK mains cable for small cabinet
2010-2-PIB Peripheral Interface Board (Germany) (Large cabinet variant only)
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)
ADP-N3E-U IFAM interface card (master) (Large cabinet variant only)
ADP-N3S interface card (slave) (Large cabinet variant only)
2010-2-DACT with AT57310 (GSM module)
2X-D-FB2-TP Translucent door option for large cabinet*
2X-D-FB2-TP-S Translucent door option for small cabinet*
2010-FS-EOL Fault Supervision End of Line unit



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2X-E1 Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 1 loop
2X-E1-S Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 1 loop small cabinet

Incorporating the following units:

2010-2F1-MB Main control board
2X-UI-E User interface control board
2010-2-PS-40 4A Power Supply

And as optional modules:

2X-ZI-20 (20 Zone) (Large cabinet variant only)
2X-ZI-40 (40 Zone) (Large cabinet variant only)
2X-ZI-24-S (24 Zone) (Small cabinet variant only)
2010-2-NB Network card
2X-LB Loop Board (Large cabinet variant only)
2010-2-232-KIT Interface board for external printer
2010-2-PS-C2 UK mains cable for large cabinet
2010-2-PS-C2-S UK mains cable for small cabinet
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)
2010-2-DACT with AT57310 (GSM module)
2X-D-E-TP Translucent door option for large cabinet*
2X-D-E-TP-S Translucent door option for small cabinet*
2010-FS-EOL Fault Supervision End of Line unit



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2X-F1-SCFB Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 1 loop (Scandinavia)
2X-F1-SCFB-S Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 1 loop small cabinet (Scandinavia)

Incorporating the following units:

2010-2F1-MB Main control board
2X-UI-SCFB User interface control board
2010-2-PS-40 4A Power Supply

And as optional modules:

2X-ZI-20 (20 Zone) (Large cabinet variant only)
2X-ZI-40 (40 Zone) (Large cabinet variant only)
2010-2-NB Network card
2X-LB Loop Board (Large cabinet variant only)
2010-2-232-KIT Interface board for external printer
2010-SK Scandinavian key and lock assembly
2010-2-PS-C2 UK mains cable for large cabinet
2010-2-PS-C2-S UK mains cable for small cabinet
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)
2010-2-DACT with ATS7310 (GSM module)
2010-FS-EOL Fault Supervision End of Line unit



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The above fire panels are certified with the following options with requirements from EN 54-2:

- 7.8 Output to fire alarm device(s)
- 7.9.1 Output to fire alarm routing equipment (not available on 2X-F1 and 2X-F1-S)
- 7.9.2 Alarm confirmation input from fire alarm routing equipment (not available on 2X-F1 and 2X-F1-S)
- 7.10 Output to fire protection equipment - Type A,B and C (not available on 2X-F1 and 2X-F1-S)
- 7.11 Delays to outputs
- 7.12 Dependencies on more than one alarm signal (Type A, B and C)
- 7.13 Alarm counter
- 8.4 Total loss of the power supply
- 8.9 Output to fault warning routing equipment
- 9.5 Disablement of addressable points
- 10 Test condition

Notes:


This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN 54-13.

1. Available with the following language kit options: -01 Dutch (NL) The Netherlands, -02 French (FR), -03 English (UK) United Kingdom and Ireland, -04 German (DE) -05 Norwegian, -06 Swedish, -07 Danish (DK), -08 English (AU) Australia, -09 Spanish, -10 Italian, -11 Dutch (BE) Belgium, -12 Irish, -13 German (AU) (Austria), -14 Greek, -15 Arabic, -17 English (US) United States of America, -18 Polish, -19 Turkish, -20 Czech Republic, -21 Portuguese, -22 Hungarian, -23 Danish (IC) Iceland, -24 Slovakian, -25 Russian, -27 Lithuanian, -28 Finnish, -29 German (SW) Switzerland, -30 Estonian, -31 Latvian, -32 French (BE) Belgium, -33 French (SW) Switzerland, -34 Italian (SW) Switzerland, -36 French (Int) International, -40 Bulgarian, -41 Belarusian, -43 Ukrainian, -44 Serbian, -45 Romanian (RO), -46 German (Int) International, -48 Croatian, -49 Macedonian, -50 Slovenian, -51 Hebrew, -71 Catalan, -80 Chinese, -99 English (Int) International English

2. Scope of the approval does not indicate the operation of the network functionality

*The translucent door does not meet EN54-2 access level 1 requirements. To meet EN54-2 requirements with the door fitted the following is also required:

- 3. A Zone indicator board to display the zones in alarm (to meet requirements of EN54-2 part 7.3)
- 4. A MCP (without program delay) fitted beside the panel to allow overriding of delays (to meet requirements of EN54-2 part 7.11)



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Ancillaries:

- 2X-FR Intelligent Analogue Addressable Fire Panel Repeater
- 2X-FR-S Intelligent Analogue Addressable Fire Panel Repeater small cabinet

Incorporating the following units:

- 2010-2FR-MB Main control board
- 2X-UI User interface control board
- 2010-2-PS-40 4A Power Supply

And as optional modules:

- 2X-ZI-20 (20 Zone) (Large cabinet variant only)
- 2X-ZI-40 (40 Zone) (Large cabinet variant only)
- 2X-ZI-24-S (24 Zone) (Small cabinet variant only)
- 2010-2-NB Network card
- 2X-LB Loop Board (Large cabinet variant only)
- 2010-2-232-KIT Interface board for external printer
- 2010-2-PS-C2 UK mains cable for large cabinet
- 2010-2-PS-C2-S UK mains cable for small cabinet
- 2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)
- 2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)
- 2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)
- 2010-2-DACT with ATS7310 (GSM module)
- 2X-D-TP Translucent door option for large cabinet*
- 2X-D-TP-S Translucent door option for small cabinet*
- 2010-FS-EOL Fault Supervision End of Line unit



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2X-FR-SC Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls (Scandinavia)
2X-FR-SC-S Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls small cabinet (Scandinavia)

Incorporating the following units:

2010-2FR-MB Main control board
2X-UI-SC User interface control board
2010-2-PS-40 4A Power Supply

And as optional modules:

2X-ZI-20 (20 Zone) (Large cabinet variant only)
2X-ZI-40 (40 Zone) (Large cabinet variant only)
2X-ZI-24-S (24 Zone) (Small cabinet variant only)
2010-2-NB Network card
2X-LB Loop Board (Large cabinet variant only)
2010-2-232-KIT Interface board for external printer
2010-SK Scandinavian key and lock assembly
2010-2-PS-C2 UK mains cable for large cabinet
2010-2-PS-C2-S UK mains cable for small cabinet
2010-2-PIB Peripheral Interface Board (Germany)
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)
2010-2-DACT with ATS7310 (GSM module)
2010-FS-EOL Fault Supervision End of Line unit



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2X-FR-FB2 Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls

2X-FR-FB2-S Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls small cabinet

Incorporating the following units:

2010-2FR-MB Main control board
2X-UI-FB2 User interface control board
2010-2-PS-40 4A Power Supply

And as optional modules:

2X-ZI-20 (20 Zone) (Large cabinet variant only)
2X-ZI-40 (40 Zone) (Large cabinet variant only)
2X-ZI-24-S (24 Zone) (Small cabinet variant only)
2010-2-NB Network card
2X-LB Loop Board (Large cabinet variant only)
2010-2-232-KIT Interface board for external printer
2010-2-PS-C2 UK mains cable for large cabinet
2010-2-PS-C2-S UK mains cable for small cabinet
2010-2-PIB Peripheral Interface Board (Germany) (Large cabinet variant only)
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)
ADP-N3E-U IFAM interface card (master) (Large cabinet variant only)
ADP-N3S interface card (slave) (Large cabinet variant only)
2010-2-DACT with ATS7310 (GSM module)
2X-D-FB2-TP Translucent door option for large cabinet*
2X-D-FB2-TP-S Translucent door option for small cabinet*
2010-FS-EOL Fault Supervision End of Line unit



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2X-FR-SCFB Intelligent Analogue Addressable Fire Panel Repeater with SS3654 fire brigade controls (Scandinavia)

2X-FR-SCFB-S Intelligent Analogue Addressable Fire Panel Repeater with SS3654 fire brigade controls small cabinet (Scandinavia)

Incorporating the following units:

2010-2FR-MB Main control board
2X-UI-SCFB User interface control board
2010-2-PS-40 4A Power Supply

And as optional modules:

2X-ZI-20 (20 Zone) (Large cabinet variant only)
2X-ZI-40 (40 Zone) (Large cabinet variant only)
2010-2-NB Network card
2X-LB Loop Board (Large cabinet variant only)
2010-2-232-KIT Interface board for external printer
2010-SK Scandinavian key and lock assembly
2010-2-PS-C2 UK mains cable for large cabinet
2010-2-PS-C2-S UK mains cable for small cabinet
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)
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2X-ER Intelligent Analogue Addressable Fire and Evacuation Panel Repeater with fire brigade controls

2X-ER-S Intelligent Analogue Addressable Fire and Evacuation Panel Repeater with fire brigade controls small cabinet

Incorporating the following units:

2010-2FR-MB Main control board
2X-UI-E User interface control board
2010-2-PS-40 4A Power Supply

And as optional modules:

2X-ZI-20 (20 Zone) (Large cabinet variant only)
2X-ZI-40 (40 Zone) (Large cabinet variant only)
2X-ZI-24-S (24 Zone) (Small cabinet variant only)
2010-2-NB Network card
2X-LB Loop Board (Large cabinet variant only)
2010-2-232-KIT Interface board for external printer
2010-2-PS-C2 UK mains cable for large cabinet
2010-2-PS-C2-S UK mains cable for small cabinet
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)
2010-2-DACT with ATS7310 (GSM module)
2X-D-E-TP Translucent door option for large cabinet*
2X-D-E-TP-S Translucent door option for small cabinet*
2010-FS-EOL Fault Supervision End of Line unit



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The above ancillary repeater units are certified with the following options with requirements from EN 54-2:

- 7.13 Alarm counter
- 8.4 Total loss of the power supply
- 8.9 Output to fault warning routing equipment
- 9.5 Disabling of addressable points (available on 2X-ER and 2X-ER-S variants only)
- 10 Test condition (available on 2X-ER and 2X-ER-S variants only)

*Important: the translucent door does not meet EN54-2 access level 1 requirements. To meet EN54-2 requirements with the door fitted the following is also required:

- 1) A Zone indicator board to display the zones in alarm (to meet requirements of EN54-2 part 7.3)
- 2) An MCP fitted beside the panel to allow overriding of delays (to meet requirements of EN54-2 part 7.11)



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