

## Certificate of constancy of performance,

**0832-CPR-F0520**

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

**2X-F2**

*(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 transmission and fault warning routing 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- F0520

The details and conditions of use for the 2X-F2 two 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-F2 Intelligent Analogue Addressable Fire Panel with user interface - 2 loop  
2X-F2-PRT Intelligent Analogue Addressable Fire Panel with user interface - 2 loop with printer  
2X-F2-S Intelligent Analogue Addressable Fire Panel with user interface - 2 loop small cabinet

Incorporating the following units:

2010-2F2-MB Main control board  
2X-UI User interface control board  
2010-2-PS-40 4A Power Supply

And as optional modules:

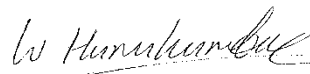
2X-ZI-20 (20 Zone) (Large cabinet variant only)  
2X-ZI-40 (40 Zone) (Large cabinet variant only)  
2X-ZI-24-S (24 Zone) (Small cabinet variant only)  
2010-2-NB Network card  
2X-LB Loop Board (Large cabinet variant only)  
2010-2-232-KIT Interface board for external printer  
2010-2-PS-C2 UK mains cable for large cabinet  
2010-2-PS-C2-S UK mains cable for small cabinet  
2010-2-PRT Door mounted printer module (2X-F2-PRT 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)  
2010-2-DACT with AT57310 (GSM module)  
2X-D-TP Translucent door option for large cabinet\* (2X-F2 variant only)  
2X-D-TP-S Translucent door option for small cabinet\* (2X-F2-S variant only)  
2010-FS-EOL Fault Supervision End of Line unit

2X-F2-SC Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls – 2 loop (Scandinavia)  
2X-F2-SC-S Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls – 2 loop small cabinet (Scandinavia)

Incorporating the following units:

2010-2F2-MB Main control board  
2X-UI-SC User interface control board  
2010-2-PS-40 4A Power Supply

And as optional modules:



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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

2X-F2-FB2 Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop  
2X-F2-FB2-PRT Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop with printer  
2X-F2-FB2-S Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop small cabinet

Incorporating the following units:

2010-2F2-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-PRT Door mounted printer module (2X-F2-FB2-PRT variant only)  
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 (Large cabinet variant only)  
ADP-N3S (Large cabinet variant only)  
2010-2-DACT with ATS7310 (GSM module)  
2X-D-FB2-TP Translucent door option for large cabinet\* (2X-F2-FB2 variant only)  
2X-D-FB2-TP-S Translucent door option for large cabinet\* (2X-F2-FB2-S variant only)  
2010-FS-EOL Fault Supervision End of Line unit



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2X-F2-SCFB Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 2 loop (Scandinavia)  
2X-F2-SCFB-S Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 2 loop small cabinet (Scandinavia)

Incorporating the following units:

2010-2F2-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

2X-E2 Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 2 loop  
2X-E2-S Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 2 loop small cabinet

Incorporating the following units:

2010-2F2-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)



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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 large cabinet\*  
2010-FS-EOL Fault Supervision End of Line unit

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-F2, 2X-F2-PRT and 2X-F2-S)  
7.9.2 Alarm confirmation input from fire alarm routing equipment (not available on 2X-F2, 2X-F2-PRT and 2X-F2-S)  
7.10 Output to fire protection equipment - Type A,B and C (not available on 2X-F2, 2X-F2-PRT and 2X-F2-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: This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN 54-13.

2. Available with the following language kits: -01 Dutch (NL) The Netherlands -02 French (FR) France -03 English (UK) United Kingdom and Ireland -04 German (DE) Germany -05 Norwegian Norway -06 Swedish Sweden -07 Danish (DK) Denmark -08 English (AU) Australia -09 Spanish Spain -10 Italian Italy -11 Dutch (BE) Belgium -12 Irish Ireland -13 German (AU) German (Austria) -14 Greek Greece -15 Arabic Middle East -17 English (US) United States of America -18 Polish Poland -19 Turkish Turkey -20 Czech Czech Republic -21 Portuguese Portugal -22 Hungarian Hungary -23 Danish (IC) Iceland -24 Slovakian Slovak Republic -25 Russian Russia -27 Lithuanian Lithuania -28 Finnish Finland -29 German (SW) Switzerland -30 Estonian Estonia -31 Latvian Latvia -32 French (BE) Belgium -33 French (SW) Switzerland -34 Italian (SW) Switzerland -36 French (Int) International French -40 Bulgarian Bulgaria -41 Belarusian Belarus -43 Ukrainian Ukraine -44 Serbian Serbia -45 Romanian (RO) Romania -46 German (Int) International German -48 Croatian Croatia -49 Macedonian Macedonia -50 Slovenian Slovenia -51 Hebrew Israel -71 Catalan Catalonia (Spain) -80 Chinese China -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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