

Loss Prevention Certification Board



This is to certify

COMPUTIONICS LIMITED (Trading as C-Tec)
Stephens Way, Goose Green, Wigan, Lancashire, WN3 6PH

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

C-TEC XFP Series of Analogue Addressable Control & Indicating Equipment

XFP501/H, XFP501K/H, XFP501/X, XFP501K/X, XFP502/H, XFP502K/H, XFP502/X, XFP502K/X, XFP501E/H, XFP501EK/H, XFP501E/X & XFP501EK/X
(refer to attached appendix for details)

which have complied with the requirements of the following:

EN 54-2: 1997 +A1:2006 + A2:2007 - Fire detection and fire alarm systems - Control and indicating equipment

EN 54-4: 1997 +A1:2002 - Fire detection and fire alarm systems - Power supply equipment

Certificate No. 176b

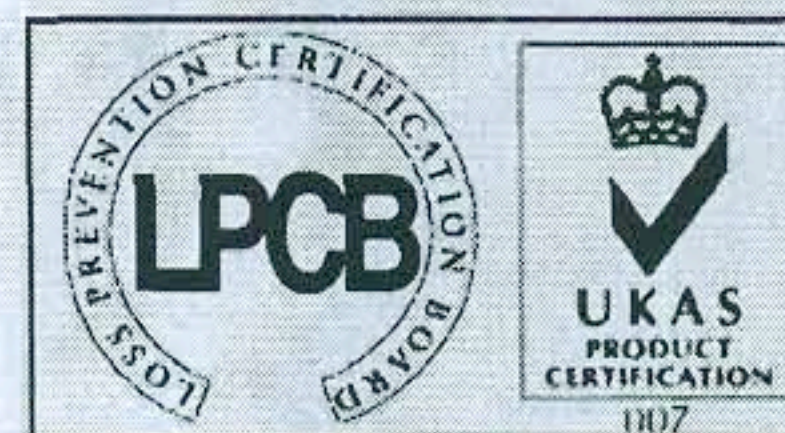
Issue No. 01

Date of Issue 16 July 2008

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Signed on behalf of the LPCB

Name: M McCULLAGH



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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP502/H	Two Loop, 32 Zone Analogue addressable control and indicating equipment using Hochiki Protocol, Metal housing	176b/01

Incorporating the following units:

SPF0706000	Switch Mode Power supply board
SPF0501202	XFP Hochiki 2 Loop, Main motherboard
SPF0501200	Display board "Keypad Display"

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
7.12.2	Dependencies on more than one alarm signal – Type B
7.12.3	Dependencies on more than one alarm signal – Type C
7.13	Alarm counter
8.3	Fault signals from points
9.5	Disablement of each address point
10	Test condition

Notes:

- 1) Scope of approval does not include the operation of the network functionality.

For details of Cross-Listed products and alternative branding please see page 14.

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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP502K/H	Two Loop, 32 Zone Analogue addressable control and indicating equipment using Hochiki Protocol, Metal housing + Keyswitch	176b/01

Incorporating the following units:

SPF0706000	Switch Mode Power supply board
SPF0501202	XFP Hochiki 2 Loop, Main motherboard
SPF0501199	Display board "Keyswitch Display"

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
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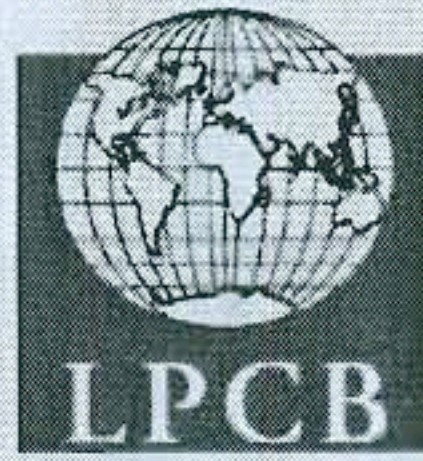
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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP502X	Two Loop, 32 Zone Analogue addressable control and indicating equipment using Apollo Protocol, Metal housing	176b/02

Incorporating the following units:

SPF0706000	Switch Mode Power supply board
SPF0501201	XFP Apollo 2 Loop, Main motherboard
SPF0501200	Display board "Keypad Display"

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
7.12.2	Dependencies on more than one alarm signal – Type B
7.12.3	Dependencies on more than one alarm signal – Type C
7.13	Alarm counter
8.3	Fault signals from points
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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP502K/X	Two Loop, 32 Zone Analogue addressable control and indicating equipment using Apollo Protocol, Metal housing + Keyswitch	176b/02

Incorporating the following units:

SPF0706000	Switch Mode Power supply board
SPF0501201	XFP Apollo 2 Loop Metal Case, Main motherboard
SPF0501199	Display board "Keyswitch Display"

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
7.12.2	Dependencies on more than one alarm signal – Type B
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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

Products

LPCB Ref. No.

XFP501/H One Loop, 32 Zone Analogue addressable control and indicating equipment using Hochiki Protocol, Metal housing

176b/03

Incorporating the following units:

SPF0706000 Switch Mode Power supply board
SPF0501212 XFP Hochiki 1 Loop, Main motherboard
SPF0501200 Display board "Keypad Display"

Certified with the following options with requirements from EN 54-2:1997

7.8 Output to fire alarm device(s)
7.11 Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1 Dependencies on more than one alarm signal – Type A
7.12.2 Dependencies on more than one alarm signal – Type B
7.12.3 Dependencies on more than one alarm signal – Type C
7.13 Alarm counter
8.3 Fault signals from points
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10 Test condition

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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP501K/H	One Loop, 32 Zone Analogue addressable control and indicating equipment using Hochiki Protocol, Metal housing + Keyswitch	176b/03

Incorporating the following units:

SPF0706000	Switch Mode Power supply board
SPF0501212	XFP Hochiki 1 Loop, Main motherboard
SPF0501199	Display board "Keyswitch Display"

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP501/X	One Loop, 32 Zone Analogue addressable control and indicating equipment using Apollo Protocol, Metal housing	176b/04

Incorporating the following units:

SPF0706000	Switch Mode Power supply board
SPF0501211	XFP Apollo 1 Loop, Main motherboard
SPF0501200	Display board "Keypad Display"

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
7.12.2	Dependencies on more than one alarm signal – Type B
7.12.3	Dependencies on more than one alarm signal – Type C
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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP501K/X	One Loop, 32 Zone Analogue addressable control and indicating equipment using Apollo Protocol, Metal housing + Keyswitch	176b/04

Incorporating the following units:

SPF0706000	Switch Mode Power supply board
SPF0501211	XFP Apollo 1 Loop Metal Case, Main motherboard
SPF0501199	Display board "Keyswitch Display"

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
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APPENDIX TO CERTIFICATE NO. 176b COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP501E/H	One Loop, 16 Zone Analogue addressable control and indicating equipment using Hochiki protocol, Plastic housing	176b/05

Incorporating the following units:

SPF0702480	Switch Mode Power supply board
SPF0501102	XFP Hochiki 1 Loop, Main motherboard

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
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APPENDIX TO CERTIFICATE NO. 176b COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP501EK/H	One Loop, 16 Zone Analogue addressable control and indicating equipment using Hochiki protocol, Plastic housing + Keyswitch	176b/05

Incorporating the following units:

SPF0702480	Switch Mode Power supply board
SPF1501102	XFP Hochiki 1 Loop, Main motherboard

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
7.12.2	Dependencies on more than one alarm signal – Type B
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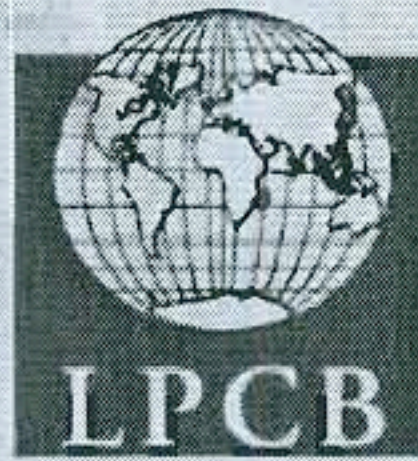
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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

Products		LPCB Ref. No.
XFP501E/X	One Loop, 16 Zone Analogue addressable control and indicating equipment using Apollo protocol, Plastic housing	176b/06

Incorporating the following units:

SPF0702480	Switch Mode Power supply board
SPF0501101	XFP Apollo 1 Loop, Main motherboard

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.12.1	Dependencies on more than one alarm signal – Type A
7.12.2	Dependencies on more than one alarm signal – Type B
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Products		LPCB Ref. No.
XFP501EK/X	One Loop, 16 Zone Analogue addressable control and indicating equipment using Apollo protocol, Plastic housing + Keyswitch	176b/06

Incorporating the following units:

SPF0702480	Switch Mode Power supply board
SPF1501101	XFP Apollo 1 Loop, Main motherboard

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
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APPENDIX TO CERTIFICATE NO. 176b

COMPUTIONICS LIMITED (Trading as C-Tec)

LPCB Ref. No.	Model No.	Alternative Model No.	Labelled
176b/02	XFP502/X	XFP502/X/CON	Context Plus
176b/02	XFP502K/X	XFP502K/X/CON	Context Plus
176b/04	XFP501/X	XFP501/X/CON	Context Plus
176b/04	XFP501K/X	XFP501K/X/CON	Context Plus
176b/06	XFP501E/X	XFP501E/X/CON	Context Plus
176b/06	XFP501EKX	XFP501EK/X/CON	Context Plus

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