

Loss Prevention Certification Board



This is to certify

CONTROL EQUIPMENT LIMITED

Hillcrest Business Park, Cinderbank, Dudley, West Midlands DY2 9AP

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

Discovery 4 loop analogue addressable and Precept^{En} conventional range of control and indicating equipment

(refer to attached appendix for details)

which have complied with the requirements of the following:

EN 54-2 :1997– Fire detection and fire alarm systems - Control and indicating equipment
and EN 54-4 :1997 – Fire detection and fire alarm systems - Power supply equipment

Distributors Cert No. 092m, 544a

Certificate No. 018c

Issue No. 8

Date of Issue 8 May 2006

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

Name: R PHILLIPS



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Fax +44 (0)1923 664603 www.RedBookLive.com

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Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 018c CONTROL EQUIPMENT LIMITED

Products

LPCB Ref. No.

Discovery 4 loop analogue addressable control and indicating equipment

018c/01

Incorporating as modular units:

- A1579 Motherboard
- A1580 Display board
- A1585 Loop cards
- A1584 230Vac power supply control card
- A1599 Printer board

Certified with the following options from EN54 Part 2:

- 7.8 Output to fire alarm devices
- 7.11 Delays to outputs
- 8.3 Fault signals from points
- 9.5 Disablement of addressable points
- 10 Test condition

For details of Cross-Listed products and alternative branding please see pages 7 to 10.

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Page 2 of 10

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APPENDIX TO CERTIFICATE NO. 018c CONTROL EQUIPMENT LIMITED

Products

LPCB Ref. No.

Precept En2 [2605-100] 2 zone conventional control and indicating equipment

018c/02

Incorporating as modular units:

- C1627 Mother board
- C1628 Display board
- C1631 Repeater interface (option)

Certified with the following options from EN 54: Part 2

- 7.8 Output to fire alarm devices
- 7.9 Output to fire routing equipment
- 7.10 Output to automatic fire protection equipment
- 7.11 Delays to outputs
- 8.9 Output to fault warning equipment
- 10 Test condition

Precept En4 [2605-101] 4 zone conventional control and indicating equipment

018c/03

Incorporating as modular units:

- C1627 Mother board
- C1628 Display board
- C1631 Repeater interface (option)

Certified with the following options from EN 54: Part 2

- 7.8 Output to fire alarm devices
- 7.9 Output to fire routing equipment
- 7.10 Output to automatic fire protection equipment
- 7.11 Delays to outputs
- 8.9 Output to fault warning equipment
- 10 Test condition

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Page 3 of 10

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Products

LPCB Ref. No.

Precept En8 [2605-102] 8 zone conventional control and indicating equipment

018c/04

Incorporating as modular units:

- C1627 Mother board
- C1628 Display board
- C1631 Repeater interface (option)

Certified with the following options from EN 54: Part 2

- 7.8 Output to fire alarm devices
- 7.9 Output to fire routing equipment
- 7.10 Output to automatic fire protection equipment
- 7.11 Delays to outputs
- 8.9 Output to fault warning equipment
- 10 Test condition

Precept En16 [2605-103] 16 zone conventional control and indicating equipment

018c/05

Incorporating as modular units:

- C1627 Mother board
- C1628 Display board
- C1631 Repeater interface (option)

Certified with the following options from EN 54: Part 2

- 7.8 Output to fire alarm devices
- 7.9 Output to fire routing equipment
- 7.10 Output to automatic fire protection equipment
- 7.11 Delays to outputs
- 8.9 Output to fault warning equipment
- 10 Test condition

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Page 4 of 10

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APPENDIX TO CERTIFICATE NO. 018c

CONTROL EQUIPMENT LIMITED

Products

LPCB Ref. No.

Precept En32 [2605-104] 32 zone conventional control and indicating equipment

018c/06

Incorporating as modular units:

- C1627 Mother board
- C1629 Display board
- C1632 16 Zone expansion board
- C1652 5A Power Supply board
- C1631 Repeater interface (option)

Certified with the following options from EN 54: Part 2

- 7.8 Output to fire alarm devices
- 7.9 Output to fire routing equipment
- 7.10 Output to automatic fire protection equipment
- 7.11 Delays to outputs
- 8.9 Output to fault warning equipment
- 10 Test condition

Precept En8 Repeater [2605-110] 8 zone conventional repeater unit

018c/R01

Incorporating as modular units:

- C1627 Mother board
- C1628 Display board
- C1631 Repeater interface

For details of Cross-Listed products and alternative branding please see pages 7 to 10.

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APPENDIX TO CERTIFICATE NO. 018c CONTROL EQUIPMENT LIMITED

Products

LPCB Ref. No.

Precept En16 Repeater [2605-111] 16 zone conventional repeater unit

018c/R02

Incorporating as modular units:

C1627 Mother board
C1628 Display board
C1631 Repeater interface

Precept En32 Repeater [2605-112] 32 zone conventional repeater unit

018c/R03

Incorporating as modular units:

C1627 Mother board
C1629 Display board
C1631 Repeater interface

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APPENDIX TO CERTIFICATE NO. 018c

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LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor's Cert. No.
018c/01	Discovery	Ranger Prem1er AL	Henry Engineering and supplies Zeta-GLT Ltd	330g

For details of Cross-Listed products and alternative branding please see pages 7 to 10.

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018c/02	Precept En2 [2605-100]	ZC3-EN-2	Ziton	092m
018c/03	Precept En4 [2605-101]	ZC3-EN-4	Ziton	092m
018c/04	Precept En8 [2605-102]	ZC3-EN-8	Ziton	092m
018c/05	Precept En16 [2605-103]	ZC3-EN-16	Ziton	092m
018c/06	Precept En32 [2605-104]	ZC3-EN-32	Ziton	092m
018c/R01	Precept En8 [2605-110]	ZC3-RDU230-8	Ziton	092m
018c/R02	Precept En16 [2605-111]	ZC3-RDU230-16	Ziton	092m
018c/R03	Precept En32 [2605-112]	ZC3-RDU230-32	Ziton	092m

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018c/02	Precept En2 [2605-100]	Mx-1002	Advanced Electronics	544a
018c/03	Precept En4 [2605-101]	Mx-1004	Advanced Electronics	544a
018c/04	Precept En8 [2605-102]	Mx-1008	Advanced Electronics	544a
018c/05	Precept En16 [2605-103]	Mx-1016	Advanced Electronics	544a
018c/06	Precept En32 [2605-104]	Mx-1032	Advanced Electronics	544a
018c/R01	Precept En8 [2605-110]	Mx-1108	Advanced Electronics	544a
018c/R02	Precept En16 [2605-111]	Mx-1116	Advanced Electronics	544a
018c/R03	Precept En32 [2605-112]	Mx-1132	Advanced Electronics	544a

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Page 9 of 10

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018c/01	Discovery	Excel Series 4 loop Analogue	FireGuard	018c-(cl-1)
018c/02	Precept En2 [2605-100]	Excel Series 2 zone conventional	FireGuard	018c-(cl-1)
018c/03	Precept En4 [2605-101]	Excel Series 4 zone conventional	FireGuard	018c-(cl-1)
018c/04	Precept En8 [2605-102]	Excel Series 8 zone conventional	FireGuard	018c-(cl-1)
018c/05	Precept En16 [2605-103]	Excel Series 16 zone conventional	FireGuard	018c-(cl-1)
018c/06	Precept En32 [2605-104]	Excel Series 32 zone conventional	FireGuard	018c-(cl-1)
018c/R01	Precept En8 [2605-110]	Excel Series 8 zone repeater	FireGuard	018c-(cl-1)
018c/R02	Precept En16 [2605-111]	Excel Series 16 zone repeater	FireGuard	018c-(cl-1)
018c/R03	Precept En32 [2605-112]	Excel Series 32 zone repeater	FireGuard	018c-(cl-1)

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