



This is to Certify

MORLEY-IAS FIRE SYSTEMS BY HONEYWELL

Charles Avenue, Burgess Hill, W. Sussex RH15 9UF

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

DX1e-20S, DX1e-40M, DX1e-20S-M, DX1e-40M-M, DX2e-40M, DX2e-40M-M, DX4e-40L, DX4e-40L-M, ZX1Se, ZX2Se, ZX5Se, GL4-1Se, GL4-2Se, GL4-5Se, HRZ2-8e 2 Zone, HRZ2-8e 4 Zone, HRZ2-8e 8 Zone, DXc1-S, DXc2-M and DXc4-M control and indicating equipment

which have complied with the requirements of the following:

**EN 54-2: 1997 + A1: 2006
EN 54-4: 1997 + A1: 2002 + A2: 2006**

Certificate No: 429c

Issue Number: 04

Date of Issue: 3 March 2011

Signed for and on behalf of LPCB

E MATTIE-SULEIMAN



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MORLEY-IAS FIRE SYSTEMS BY HONEYWELL

Products		LPCB Ref. No.
DX1e-20S	1 loop, 20 zone, analogue addressable control and indicating equipment <i>Note: The CIE is compatible with Apollo, Hochiki and System Sensor protocols</i>	429c/01
DX1e-40M	1 loop, 40 zone, analogue addressable control and indicating equipment <i>Note: The CIE is compatible with Apollo, Hochiki and System Sensor protocols</i>	429c/01
DX1e-20S-M	1 loop, 20 zone, analogue addressable control and indicating equipment English, Spanish and Italian language versions <i>Note: The CIE is compatible with Morley protocol</i>	429c/01
DX1e-40M-M	1 loop, 40 zone, analogue addressable control and indicating equipment English, Spanish and Italian language versions <i>Note: The CIE is compatible with Morley protocol</i>	429c/01

Incorporating the following units:

124-386	Base card
124-335-001	Display card

Certified with the following options with requirements from EN 54 part 2:

7.8	Output to fire alarm devices
7.11	Delays to outputs
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 addressable points
10	Test condition

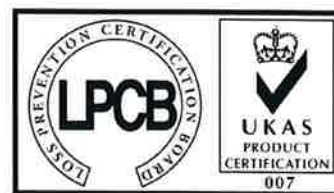
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Products		LPCB Ref. No.
DX2e-40M	2 loop, 40 zone, analogue addressable control and indicating equipment <i>Note: The CIE is compatible with Apollo, Hochiki and System Sensor protocols</i>	429c/02
DX2e-40M-M	2 loop, 40 zone, analogue addressable control and indicating equipment English, Spanish and Italian language versions <i>Note: The CIE is compatible with Morley protocol</i>	429c/02
Incorporating the following units:		
	124-392 Base card	
	124-393 2 loop interface board	
	124-335 -001 Display card	
Certified with the following options with requirements from EN 54 part 2:		
	7.8 Output to fire alarm devices	
	7.11 Delays to outputs	
	7.12.3 Dependencies on more than one alarm signal (Type C)	
	7.13 Alarm counter	
	8.3 Fault signals from points	
	9.5 Disabling of addressable points	
	10 Test condition	
DX4e-40L	4 loop, 40 zone, analogue addressable control and indicating equipment <i>Note: The CIE is compatible with Apollo, Hochiki and System Sensor protocols</i>	429c/03

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Products

LPCB Ref. No.

DX4e-40L-M 4 loop, 40 zone, analogue addressable control and indicating equipment
English, Spanish and Italian language versions
Note: The CIE is compatible with Morley protocol

429c/03

Incorporating the following units:

124-392	Base card
124-393	2 Loop Interface Board
124-335 -001	Display card

Certified with the following options with requirements from EN 54 part 2:

7.8	Output to fire alarm devices
7.11	Delays to outputs
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 addressable points
10	Test condition

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Products

LPCB Ref. No.

ZX1Se	1 loop analogue addressable control and indicating equipment	429c/04
722-001-301	1 loop multi-protocol control panel, language group M100	
722-001-302	1 loop multi-protocol control panel, language group M200	
722-002-301	1 loop multi-protocol control panel, language group M100, Stainless Steel	
722-101-301	1 loop multi-protocol control panel, language group H100	
722-101-302	1 loop multi-protocol control panel, language group H200	

Incorporating the following units:

795-072-100	Morley-IAS Loop Driver Card
795-068-100	System Sensor Loop Driver Card
795-058-105	Hochiki Loop Driver Card
795-066-100	Apollo XP95 / Discovery Loop Driver Card
795-044-001	Nittan Loop Driver Card
795-004-001	RS 485 Communication Module
795-005	RS232 Communication Module
124-206	Processor Card
124-209-005	1 Loop Base Card
124-370	4 Line Display Card
PS82-2-NFR	2A PSU

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Products

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

7.8	Output to fire alarm devices
7.11	Delays to outputs
7.12.3	Dependency on more than one alarm signal: Type C
8.3	Fault signals from points
9.5	Disabling of addressable points
10	Test condition

ZX2Se 1-2 loop analogue addressable control and indicating equipment 429c/05

720-001-301	1-2 loop multi-protocol control panel, language group M100
720-001-302	1-2 loop multi-protocol control panel, language group M200
720-002-301	1-2 loop multi-protocol control panel, language group M100, Stainless Steel
720-101-301	1-2 loop multi-protocol control panel, language group H100
720-101-302	1-2 loop multi-protocol control panel, language group H200

Incorporating the following units:

795-072-100	Morley-IAS Loop Driver Card
795-068-100	System Sensor Loop Driver Card
795-058-105	Hochiki Loop Driver Card
795-066-100	Apollo XP95 / Discovery Loop Driver Card
795-044-001	Nittan Loop Driver Card
795-004-001	RS 485 Communication Module

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Products

LPCB Ref. No.

795-005	RS232 Communication Module
124-206	Processor Card
124-209-004	2 Loop Base Card
124-370	4 Line Display Card
PS82-2-NFR	2A PSU

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

7.8	Output to fire alarm devices
7.11	Delays to outputs
7.12.3	Dependency on more than one alarm signal: Type C
8.3	Fault signals from points
9.5	Disablement of addressable points
10	Test condition

ZX5Se	1-5 loop analogue addressable control and indicating equipment	429c/06
721-001-301	1-5 loop multi-protocol control panel, language group M100	
721-001-302	1-5 loop multi-protocol control panel, language group M200	
721-002-301	1-5 loop multi-protocol control panel, language group M100, Stainless Steel	
721-101-301	1-5 loop multi-protocol control panel, language group H100	
721-101-302	1-5 loop multi-protocol control panel, language group H200	

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Products

LPCB Ref. No.

Incorporating the following units:

795-072-100	Morley-IAS Loop Driver Card
795-068-100	System Sensor Loop Driver Card
795-058-105	Hochiki Loop Driver Card
795-066-100	Apollo XP95 / Discovery Loop Driver Card
795-044-001	Nittan Loop Driver Card
795-004-001	RS 485 Communication Module
795-005	RS232 Communication Module
795-077-020	20 Zone LED Display Indicator Card
795-077-060	60 Zone LED Display Indicator Card
795-051-001	Internal Printer Module
124-206	Processor Card
124-403	5 Loop Base Card
124-370	4 Line Display Card
PS196-4-NFR	PSU

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

7.8	Output to fire alarm devices
7.11	Delays to outputs
7.12.3	Dependency on more than one alarm signal: Type C
8.3	Fault signals from points
9.5	Disabling of addressable points
10	Test condition

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Products		LPCB Ref. No.
GL4-1Se	1 loop analogue addressable control and indicating equipment	429c/07
	722-606-301 1 loop multi-protocol control panel, language group G100	
	Incorporating the following units:	
	795-072-100 Morley-IAS Loop Driver Card	
	795-068-100 System Sensor Loop Driver Card	
	795-058-105 Hochiki Loop Driver Card	
	795-066-100 Apollo XP95 / Discovery Loop Driver Card	
	795-044-001 Nittan Loop Driver Card	
	795-004-001 RS 485 Communication Module	
	795-005 RS232 Communication Module	
	124-206 Processor Card	
	124-209-005 1 Loop Base Card	
	124-370 4 Line Display Card	
	PS82-2-NFR 2A PSU	
	Certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm devices	
	7.11 Delays to outputs	
	7.12.3 Dependency on more than one alarm signal: Type C	
	8.3 Fault signals from points	
	9.5 Disablement of addressable points	
	10 Test condition	

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MORLEY-IAS FIRE SYSTEMS BY HONEYWELL

Products

LPCB Ref. No.

GL4-2Se	1-2 loop analogue addressable control and indicating equipment	429c/08
720-606-301	1-2 loop multi-protocol control panel, language group G100	
Incorporating the following units:		
795-072-100	Morley-IAS Loop Driver Card	
795-068-100	System Sensor Loop Driver Card	
795-058-105	Hochiki Loop Driver Card	
795-066-100	Apollo XP95 / Discovery Loop Driver Card	
795-044-001	Nittan Loop Driver Card	
795-004-001	RS 485 Communication Module	
795-005	RS232 Communication Module	
124-206	Processor Card	
124-209-004	2 Loop Base Card	
124-370	4 Line Display Card	
PS82-2-NFR	2A PSU	

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

7.8	Output to fire alarm devices
7.11	Delays to outputs
7.12.3	Dependency on more than one alarm signal: Type C
8.3	Fault signals from points
9.5	Disablement of addressable points
10	Test condition

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Products		LPCB Ref. No.
GL4-5Se	1-5 loop analogue addressable control and indicating equipment	429c/09
	721-606-301 1-5 loop multi-protocol control panel, language group G100	
	Incorporating the following units:	
	795-072-100 Morley-IAS Loop Driver Card	
	795-068-100 System Sensor Loop Driver Card	
	795-058-105 Hochiki Loop Driver Card	
	795-066-100 Apollo XP95 / Discovery Loop Driver Card	
	795-044-001 Nittan Loop Driver Card	
	795-004-001 RS 485 Communication Module	
	795-005 RS232 Communication Module	
	795-077-020 20 Zone LED Display Indicator Card	
	795-077-060 60 Zone LED Display Indicator Card	
	795-051-001 Internal Printer Module	
	124-206 Processor Card	
	124-403 5 Loop Base Card	
	124-370 4 Line Display Card	
	PS196-4-NFR PSU	

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Products

LPCB Ref. No.

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

7.8	Output to fire alarm devices
7.11	Delays to outputs
7.12.3	Dependency on more than one alarm signal: Type C
8.3	Fault signals from points
9.5	Disablement of addressable points
10	Test condition

Horizon HRZ2-8 Morley Horizon 2-8 zone conventional control and indicating equipment

HRZ2-8e 2 Zone

429c/10

002-479-122	Language region 1, English manual
002-479-222	Language region 2
002-479-322	Language region 3, dual relay
002-492-222	Language region 2, English manual, dual relay
002-506-222	Language region 2, English manual

HRZ2-8e 4 Zone

429c/11

002-479-142	Language region 1, English manual
002-479-242	Language region 2
002-479-342	Language region 3, dual relay
002-492-242	Language region 2, English manual, dual relay
002-506-242	Language region 2, English manual

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Products

LPCB Ref. No.

HRZ2-8e 8 Zone

429c/12

002-479-182	Language region 1, English manual
002-479-282	Language region 2
002-479-382	Language region 3, dual relay
002-492-282	Language region 2, English user manual, dual relay
002-506-282	Language region 2, English user manual

Incorporating the following units:

020-747	8-Way relay kit
020-772	4-way monitored sounder kit

Certified with the following options with requirements from EN 54 Part 2:

7.8	Output to fire alarm devices
7.9.1	Output to fire alarm routing equipment
7.9.2	Alarm confirmation input from fire alarm routing equipment
7.10.1	Output to automatic fire protection equipment: Type A
7.10.3	Output to automatic fire protection equipment: Type C
7.10.4	Fault monitoring of fire protection equipment
7.11.1	Delays to outputs
7.11.2	Manual or automatic switching of delays to outputs
7.12.2	Dependency on more than one alarm signal: Type B
8.9	Output to fault warning routing equipment
10	Test condition

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Products	LPCB Ref. No.
DXc1-S Single loop control and indicating equipment	429c/13
714-001-111 PANEL DXc1-S SINGLE LOOP REGION 1 (UK & Iceland)	
714-001-112 PANEL DXc1-S SINGLE LOOP REGION 2 (Iberia, India & ME)	
Incorporating as modular units:	
124-410-001 Base PCB 1 Loop	
124-411 Display PCB	
010-115 PSU RS-50-24	
DXc2-M Two loop control and indicating equipment	429c/14
714-001-221 PANEL DXc2-M TWO LOOP REGION 1 (UK & Iceland)	
714-001-222 PANEL DXc2-M TWO LOOP REGION 2 (Iberia, India & ME)	
Incorporating as modular units:	
124-410 Base PCB 2 Loop	
124-411 Display PCB	
010-116 PSU RS-100-24	

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Products

LPCB Ref. No.

DXc4-M Four loop control and indicating equipment

429c/15

714-001-241	PANEL DXc4-M FOUR LOOP REGION 1 (UK & Iceland)
714-001-242	PANEL DXc4-M FOUR LOOP REGION 2 (Iberia, India & ME)

Incorporating as modular units:

124-410	Base PCB 2 Loop
124-411	Display PCB
124-417	2 Loop PCB
010-116	PSU RS-100-24

Incorporating as optional modular units:

795-099	KIT DXc NETWORK CARD
795-102	KIT DXc 40 ZONE LED CARD
795-103	KIT DXc 80 ZONE LED CARD WITH COVER
795-111	KIT DXc 2 LOOP EXPANSION CARD (Applicable to the two loop CIE only)
795-117	KIT DXc PERFORMANCE CARD
795-118	KIT DXc KEYSWITCH
795-122	KIT DXc RS232
795-123	KIT DXc RS485
795-124	KIT DXc 80 ZONE LED CARD

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