

LPCB Red Book



Part: 1

Passive fire protection

bre

Introduction

BRE Global Ltd, based in the UK near London, is an independent third party organisation offering certification of fire, security and sustainability products and services to an international market. LPCB is the certification brand used for fire and security products and services. The LPCB mark is accepted worldwide. We have representative offices in China, India and Dubai. We are owned by the BRE Trust, a not-for-profit organisation.

LPCB listings can be accessed, free of charge, at www.redbooklive.com. BRE Global additionally carries out:

- Fire Investigation
- Fire Risk Assessment
- Fire Safety Engineering
- Research
- Training

LPCB Listings

Listings are given in sections which list related groups of products and services such as suppression, security and so on. Each section also summarises the technical basis for the certification of each product or service. The Red Book listings should always be used in conjunction with rules, regulations and design specifications required by the relevant Authority having jurisdiction.

Listings comprise:

Volume 1:

- Fire detection and alarm products, systems, and cables
- Manual fire extinguishing equipment
- Automatic sprinkler, water spray and deluge systems
- Fixed fire fighting products and systems
- Watermist systems
- Related installers

Volume 2:

- Passive fire protection products
- Security protection products
- Fire doors and shutters
- Smoke and fire ventilation systems
- Security Assessments
- SABRE
- Related installers
- Management Systems
- Construction products

Listings are given in the name of the manufacturer or service provider, in alphabetical order. They can be downloaded free of charge from our website at www.redbooklive.com

Updates

Certification of products and services are updated regularly. To ensure that you are using the most up to date information please refer to www.redbooklive.com.

What is Third Party Certification?

A frequent concern of stakeholders is in knowing whether a product will perform in accordance with the

FOR SPECIFIERS AND REGULATORS:

stated specifications. These concerns can involve such product attributes as safety, health or environmental impacts, durability, compatibility, suitability for intended purposes or for stated conditions, and other similar considerations. These issues can all be addressed through product certification.

Third party certification is a conformity assessment process, carried out by a body that is independent of both supplier and customer organisations. It provides confirmation that products and services have met and will continue to meet the requirements of specified standards and other normative documents.

LPCB third party product certification schemes are quality assurance schemes and comprise initial type testing and technical evaluation, assessment and surveillance of the manufacturer's quality system and factory production procedures, regular audit testing, labelling and listing.

Similarly, LPCB schemes for suppliers of services (installers) are also quality assurance schemes comprising a technical assessment of an installer's capability, assessment and surveillance of the installer's quality system and production procedures, regular inspection of completed installations and listing.

Benefits of Third Party Certification

For specifiers, regulators, insurers, manufacturers and installers, the benefits of an LPCB approval are:

For specifiers and regulators:

- Risk reduction - specifying LPCB approved products and services demonstrates due-diligence and best endeavour and mitigates against possible accusations of negligence.
- Avoidance of costly mistakes - you can trust LPCB approved products and services to conform each and every time.
- Time - using Red Book Live to search for and assess products and services can save you time.

For manufacturers and installers:

- Increased global sales - LPCB approval is recognised and specified widely throughout the world. In some territories LPCB approval is a mandatory requirement.
- Added value of the product or service - LPCB approved products and services are recognised as providing added value given their ability to conform each and every time.
- Reduced liability - LPCB approved products and services demonstrate due-diligence which can reduce liability for both you and your customers.

What does LPCB Certification offer?

LPCB certification is carried out against Loss Prevention Standards (LPS's). These LPS's include reference to BS, EN or ISO standards as appropriate. LPCB certification are level 5 schemes as detailed in ISO/ IEC 17067 with the added requirement to have a quality system certificated to ISO 9001.

The technical requirements of LPCB schemes are given in the Loss Prevention Standards (LPSs). These documents are drafted by LPCB technical experts in conjunction with appropriate external experts. They are then peer reviewed by representatives from trade bodies, regulators, insurers, specifiers, manufacturers and other suppliers. Finally these documents are approved for use by the BRE Global Governing Body; the Body that oversees all of the certification activities of BRE Global.

Product schemes comprise:

- Initial type testing and evaluation of product.
- Approval and surveillance of the manufacturer's (or supplier's) quality management system to ISO 9001
- Assessment and surveillance of the manufacturer's (or supplier) factory production control system (FPC).
- Periodic audit testing of the product from either the factory or marketplace.
- Labelling or marking as appropriate.

INSTALLER SCHEMES COMPRISE:

- Listing on Red Book Live

Installer schemes comprise:

- Technical assessment of the installation contractor's capability.
- Approval and surveillance of the contractor's quality management system to ISO 9001 or assessment against the requirements of the relevant Loss Prevention Standard where ISO 9001 is not appropriate.
- Regular surveillance inspections of on-going installations.
- The issue of Certificates of Conformity by the installer to demonstrate compliance for each installation.
- Listing in the Red Book.

The LPCB Mark - the Mark you can trust

After certification of a product or service the manufacturer or service provider may place the LPCB certification mark, as shown below, on the product, packaging and literature etc.

Where LPCB holds accreditation through the United Kingdom Accreditation Service (UKAS), the certified company may include the UKAS symbol (the Crown and Tick) alongside the LPCB mark for certain applications e.g. promotional literature or material and stationery, as shown below.

(Full details of LPCB accreditation can be found on the UKAS website at www.ukas.com)

Where for reasons of space or cost the use of the above full mark is not practical, then the following simplified mark may be applied directly to the product (for some schemes only). The LPCB scheme rules define how and where the marks can be used.

Part 1

Passive fire protection

PASSIVE FIRE PROTECTION

introduction text from db for Passive fire protection *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers.*

Introduction to LPS 1175

With much attention being placed on the role of emerging technologies in the fight against crime and terrorism, it is often easy to become detracted from the basics. However, good physical security is the bedrock of effective security. Without the delay to intrusion provided by effective physical security, detection simply tells you the intruder has been and gone. It is therefore always important to ensure suitable physical security measures are in place and that those measures provide sufficient delay to enable the intruder to be detected and a suitable response mounted to apprehend the intruder.

The delay provided by physical security products and systems is typically measured in terms of the tools and time required to achieve entry through those products and systems. These combine to indicate the effort required by an intruder to gain unauthorised access through the physical security barrier.

Using products and systems that achieve a higher rating, or using a layered approach to physical security, can greatly increase the effort an intruder needs to exert to gain entry. That effort extends beyond the physical work required to overcome the physical security barriers. It also includes the effort required to plan and prepare for the attack. The greater the level of planning and preparation a criminal must invest in to conduct a successful attack, the less likely that criminal will consider the return on their investment will be sufficient to warrant attempting that attack.

As the security ratings increase, the size and weight of tools used increases. Using larger, heavier tools increases an intruders likelihood of being detected through natural surveillance. They can also slow down the intruder if they need to carry those tools onto the site being attacked. This also increases the risk to the intruder of being caught. The greater that risk, the less likely the criminal is to conduct the attack in the first instance.

So how do security managers and other specifiers confirm whether a physical security product will afford a suitable delay against the tools and techniques likely to be employed by a determined intruder?

LPS 1175 Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers confirms the resistance to forced entry provided by security products, systems and building materials.

While Issues 6 and 7 specified eight levels of resistance (security ratings), the latest version (Issue 8) defines a performance classification formed of the following two elements:

- Threat level (first element) - Letter (A to H) corresponding with the tool kit used to evaluate the products intruder resistance and the number of attackers involved.
- Delay (second element) - Numeric value (1, 3, 5, 10, 15 or 20) corresponding with the minimum delay (in minutes) provided by the product when placed in a locked condition.

LPS 1175 covers the broadest scope of forced entry threat scenarios involving intruders that have little regard to the noise they make during attempts to achieve unauthorised access to assets, property and people. It also covers the broadest scope of physical security products and services of any publicly available standard in the world. This includes, but is certainly not restricted to, the following types of product:

· Access covers	· Garage doorsets	· Security screens
· Cladding systems	· Hinged doorsets	· Sheds and tool stores
· Containers	· Grilles	· Skylights
· Curtain walling systems	· Modular buildings	· Sliding doorsets
· Enclosures	· Partitioning systems	· Strongpoints
· Entrance portals	· Revolving doorsets	· Vehicles
· Fences and gates	· Roofing systems	· Walling systems
· Folding doorsets	· Security cabinets	· Windows

The classification system defined in LPS 1175 Issue 8 supports a layered approach to security, enabling the delay provided by products forming each layer of security to be determined against a common threat.

Further information on the security rating system and attack tools can be found in the standard itself, which can be downloaded for free from www.redbooklive.com.

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INSTALLATION, SERVICE AND MAINTENANCE OF PASSIVE FIRE PROTECTION PRODUCTS

This is the **section introduction**..

- test1
- test2
- test3

AC Construction ltd

Wise street, Nottingham, Nottinghamshire, United Kingdom

Tel: 23456789 • Alt Tel: 2345678

E-mail: ACconstruction@test.com

Certificate No: CERT 0410 to LPS 1175

Test tabular prod group

Product Name	LPCB Ref. No.
Tab suspended - prod name 1	test
Tab suspended - prod name 2	test
tab active - prod name 6	test

test notes

testing

- test 1
- test2

Certificate No: Installation passive fire CERT 031401 to LPS 1209, LPS 1175, EN 54-3:2014+A1:2019

Certificate No: Passive fire CERT 031402 to EN671-1

Installation passive fire

Product Name	test1testingtesting/test/1234567/123467	testingtesting/test/1234567/123467	test3	
Installation passivefire 1/1testingtestingtesting	testingtesting/test/1234567/123467	testingtesting/test/1234567/123467	testingtesting/test/1234567/123467	testingtesti
Installation passive fire 1/3	testingtesting/test/1234567/123467	testingtesting/test/1234567/123467	testingtesting/test/1234567/123467	testingtesti

test prod group notes

Certificate No: test 0411 to LPS 1175

test 0411

Product Name	LPCB Ref. No.
prod name 0411	lpcb 0411
prod name 0411-2	lpcb 0411-2

Bipul's Test 2

Bipul Test 2 - Company address 1, Bhairahawa, Nepal

Customer

Bipul Test 2 - Company address 2, Bhairahawa, Nepal

Customer

Bipul Test 2 - Company address 3, Nepal

Certificate No: CERT040901 to LPS 1175

Prod name 040901

Product Name	Description	LPCB Ref. No
Prod name 040901	test	LPCB 040901

INSTALLATION, SERVICE AND MAINTENANCE OF PASSIVE FIRE PROTECTION PRODUCTS

Notes:

1. Meets the requirements of EN 54-3 at the following tone settings:

Tone 1 - Warble Tone 800Hz for 500ms, then 1000Hz for 500ms

Tone 2 Continuous Tone, 970Hz

Tone 3 Slow Whoop (Dutch), 500-1200Hz for 3500ms, then off for 500ms

test

Comp_sus

Line2, Ittert, Albania

E-mail: Test@o.com

Certificate No: CERT 101803 to LPS 1175

test

Approval Level 3

Approved to self-certify the following Categories of Work: A, B, C, D, E

No supervision required

Company 1

Line 1, London, United Kingdom

E-mail: test@comp.com

Certificate No: ASD to LPS 1175

BEN TEST

Product Name	Description	LPCB Ref. No
ASD	ASD	BEN TEST
	NOTES	PRODUCT 1

ASD

Certificate No: cert 1 to LPS 1175

asdasd

Product Name	Size References1, 2	Fire Resistance toBS 476: Part 20: 1987	LPCB Ref. No.
product ben test	1414 (39) ED (58) 1814 (50) ED (74) 2316 (103) ED (138) 2916 (130) ED (174) 3520 (230) ED (297) 5020 (328) ED (424) 6020 (393) ED (509) Mini-Vault (702) ED (910)	heading 2	ASDASD
product ben test	1814 (50) ED (74) 2316 (103) ED (138) 2916 (130) ED (174) 3520 (230) ED (297) 5020 (328) ED (424) 6020 (393) ED (509) Mini-vault (702) ED (910)	60	1636a/02
product ben test	1814 (50) ED (74) 2316 (103) ED (138) 2916 (130) ED (174) 3520 (230) ED (297) 5020 (328) ED (424) 6020 (393) ED (509) Mini-vault (702) ED (910)	60	1636a/03
product ben test	60 50 40 (120) ED (165) 90 50 40 (180) ED (247) 90 40 47.5 (171) 92 42 48.5 (187.4) 120 50 40 (240) ED (330) 120 40 47.5 (228) 122 42 48.5 (248.5) 150 50 40 (300) ED (412)	-	1636a/04

asda

Test-Company 100401

test, test, GWE345, United Kingdom

E-mail: test@test.com • Website: company 100401.com

Certificate No: Cert to LPS 1175

Prod grp

25 Apr 2025

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INSTALLATION, SERVICE AND MAINTENANCE OF PASSIVE FIRE PROTECTION PRODUCTS

Product Name	LPCB Ref. No.
test	test

Certificate No: CERT 101104 to LPS 1175

prod grp 101104

Product Name	LPCB Ref. No.
Test prod name	LPCB 101104
test prod name 3	LPCB 101106

Certificate No: CERT 101301 to LPS 1175

Certificate No: CERT 101301 to

Certificate No: CERT 101305 to LPS 1175

Prod grp 101301

Product Name	Description	LPCB Ref. No
Prod name	-	LPCB 101301

Certificate No: CERT 102001 to LPS 1175

Test prod grp 102001

Product Name	Test column	LPCB Ref. No.
Prod name 102001	Test column1	LPCB 102001
Prod name 102002	Test col 11	LPCB 102002

Certificate No: CERT 102003 to LPS 1209

Prod grp 102003

Product Name	Description	LPCB Ref. No
prod name 102003	test	LPCB 102003

Test-Company 100401

test, test, GWE345, United Kingdom

E-mail: test@test.com • Website: company 100401.com

Certificate No: AF-103 to LPS 1175

the company is assessed and approved for :

- Inspection
- Maintenance services and one off general repair

Of :

- Security doors
- Fire resistant doors and doorsets

Product Groups :

- Hinged and pivoted steel doorsets
- Hinged and pivoted glass doorsets

Approval Level 2

Approved to self-certificate the following Categories of Work: B, C, D

The following Categories of Work to be supervised: A

Certificate No: CERT 101101 to LPS 1175

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Certificate No: CERT 101801 to LPS 1209

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INSTALLATION, SERVICE AND MAINTENANCE OF PASSIVE FIRE PROTECTION PRODUCTS

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Approval Level 1

Not approved to self-certificate any Category of Work

The following Categories of Work to be supervised: A, B, C

Certificate No: CN2992 to LPS 1175

Company assessed and approved for installing or applying passive fire protection products under the following scope:

- Appendix 1 - Penetration, cavity barrier and linear gap seals

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Approval Level 1

Not approved to self-certificate any Category of Work

The following Categories of Work to be supervised: A, B, C

INSTALLATION, SERVICE AND MAINTENANCE OF PASSIVE FIRE PROTECTION PRODUCTS

Company 1

Line 1, London, United Kingdom

E-mail: test@comp.com

Certificate No: sdfsd to LPS 1175

sdsd

Product Name	1	2	3	4	5	6	7	8	LPCB Ref. No.
-	-	-	-	-	-	-	-	-	-

fsdfsdf

Test-Company 100401

test, test, GWE345, United Kingdom

E-mail: test@test.com • Website: company 100401.com

Certificate No: CERT 100501 to LPS 1175

ProdGrp 100501

Product Name	Description	LPCB Ref. No
Hochiki Latitude Fire Detection and Alarm System	<p>The Hochiki Latitude Fire Detection and Alarm System comprises of the following: Control and Indicating Equipment Hochiki Latitude 2-8 Loop Analogue Addressable Control and Indicating Equipment (Hochiki Protocol) Hochiki Latitude 2-16 Loop Analogue Addressable Control and Indicating Equipment (Hochiki Protocol) The Hochiki Latitude CIE may be connected to the following equipment and devices: Commercial Detectors (Hochiki Protocol) ACB-EW Weatherproof Intelligent Analogue Addressable Class P Detector (Ivory Colour) ACC-E(WHT) Intelligent Analogue Addressable Multi-Criteria Detector (White Colour) ACC-E(HFP) Intelligent Analogue Addressable Multi-Criteria Detector (White Colour)</p> <p>ACC-E(WHT)-SCI Intelligent Analogue Addressable Multi-Criteria Detector with Short Circuit Isolator (White Colour) ACC-E(HFP)-SCI Intelligent Analogue Addressable Multi-Criteria Detector with Short Circuit Isolator (White Colour) ACC-EN Intelligent Analogue Addressable Multi-Criteria Detector (Ivory Colour) ACC-EN(WHT) Intelligent Analogue Addressable Multi-Criteria Detector (White Colour) ACC-EN(SCI) Intelligent Analogue Addressable Multi-Criteria Detector with Short Circuit Isolator (Ivory Colour) ACC-EN(WHT)SCI Intelligent Analogue Addressable Multi-Criteria Detector with Short Circuit Isolator (White Colour) ACD-E(WHT) Intelligent Analogue Addressable Multi-Criteria Detector (White Colour) ACD-E(HFP) Intelligent Analogue Addressable Multi-Criteria Detector (White Colour) ACD-EN Intelligent Analogue Addressable Multi-Criteria Detector (Ivory Colour) ACD-EN(WHT) Intelligent Analogue Addressable Multi-Criteria Detector (White Colour) ALN-E(WHT) Intelligent Analogue Addressable Optical Smoke Detector (White Colour) ALN-E(HFP) Intelligent Analogue Addressable Optical Smoke Detector (White Colour) ALN-E(WHT)-SCI Intelligent Analogue Addressable Optical Smoke Detector with Short Circuit Isolator (White) ALN-E(HFP)-SCI Intelligent Analogue Addressable Optical Smoke Detector with Short Circuit Isolator (White) ALN-EN Intelligent Analogue Addressable Optical Smoke Detector (Ivory Colour) ALN-EN (WHT) Intelligent Analogue Addressable Optical Smoke Detector (White) ALN-EN(SCI) Intelligent Analogue Addressable Optical Smoke Detector with Short Circuit Isolator (Ivory Colour) ALN-EN(WHT)SCI Intelligent Analogue Addressable Optical Smoke Detector with Short Circuit Isolator (White) ATJ-E(WHT) Intelligent Analogue Addressable Call P Heat Detector (White Colour) ATJ-E(HFP) Intelligent Analogue Addressable Call P Heat Detector (White Colour) ATJ-E(WHT)-SCI Intelligent Analogue Addressable Call P Heat Detector with Short Circuit Isolator (White Colour) ATJ-EN Intelligent Analogue Addressable Call P Heat Detector (Ivory Colour) ATJ-EN(WHT) Intelligent Analogue Addressable Call P Heat Detector (White Colour) ATJ-EN(SCI) Intelligent Analogue Addressable Call P Heat Detector with Short Circuit Isolator (White Colour) ATJ-EN(WHT)-SCI Intelligent Analogue Addressable Call P Heat Detector with Short Circuit Isolator (White Colour) Alarm Warning Devices (Hochiki Protocol) CHQ-CB (RED)/RL Intelligent Analogue Addressable Ceiling VAD (Red Light) (Red Colour) CHQ-CB (RED)/RL-HFP Intelligent Analogue Addressable Ceiling VAD (Red Light) (Red Colour) CHQ-CB (RED)/WL Intelligent Analogue Addressable Ceiling VAD (White Light) (Red Colour)</p> <p>CHQ-CB (RED)/WL-15 Intelligent Analogue Addressable Ceiling VAD (White Light) (Red Colour) - 15 Meter CHQ-CB (RED)/WL-15-HFP Intelligent Analogue Addressable Ceiling VAD (White Light) (Red Colour) - 15 Meter CHQ-CB (RED)/WL-HFP Intelligent Analogue Addressable Ceiling VAD (White Light) (Red Colour) CHQ-CB (WHT)/RL Intelligent Analogue Addressable Ceiling VAD (Red Light) (White Colour) CHQ-CB (WHT)/RL-HFP Intelligent Analogue Addressable Ceiling VAD (Red Light) (White Colour) CHQ-CB (WHT)/WL Intelligent Analogue Addressable Ceiling VAD (White Light) (White Colour) CHQ-CB (WHT)/WL-15 Intelligent Analogue Addressable Ceiling VAD (White Light) (White Colour) - 15 Meter CHQ-CB (WHT)/WL-15-HFP Intelligent Analogue Addressable Ceiling VAD (White Light) (White)</p>	360c/01

INSTALLATION, SERVICE AND MAINTENANCE OF PASSIVE FIRE PROTECTION PRODUCTS

Colour) - 15 Meter CHQ-CB (WHT)/WL-HFP Intelligent Analogue Addressable Ceiling VAD (White Light) (White Colour) CHQ-CB/RL Intelligent Analogue Addressable Ceiling VAD (Red Light) (Ivory Colour) CHQ-CB/WL Intelligent Analogue Addressable Ceiling VAD (White Light) (Ivory Colour) CHQ-CB/WL-15 Intelligent Analogue Addressable Ceiling VAD (White Light) (Ivory Colour) - 15 Meter CHQ-CB/WL-15-HFP Intelligent Analogue Addressable Ceiling VAD (White Light) (Ivory Colour) - 15 Meter CHQ-WB(RED)/RL Intelligent Analogue Addressable Type A Wall VAD (Red Light) (Red Colour) CHQ-WB(RED)/RL-HFP Intelligent Analogue Addressable Type A Wall VAD (Red Light) (Red Colour) CHQ-WB(RED)/WL Intelligent Analogue Addressable Type A Wall VAD (White Light) (Red Colour) CHQ-WB(RED)/WL-HFP Intelligent Analogue Addressable Type A Wall VAD (White Light) (Red Colour) CHQ-WB(WHT)/RL Intelligent Analogue Addressable Type A Wall VAD (Red Light) (White Colour) CHQ-WB(WHT)/WL Intelligent Analogue Addressable Type A Wall VAD (White Light) (White Colour) CHQ-WB(WHT)/WL-HFP Intelligent Analogue Addressable Type A Wall VAD (White Light) (White Colour) CHQ-WB/RL Intelligent Analogue Addressable Type A Wall VAD (Red Light) (Ivory Colour) CHQ-WB/WL Intelligent Analogue Addressable Type A Wall VAD (White Light) (Ivory Colour) CHQ-WS2 Intelligent Analogue Addressable Type A Wall Sounder (Red Colour) CHQ-WS2 (WHT) Intelligent Analogue Addressable Type A Wall Sounder (White Colour) CHQ-WS2(HFP) Intelligent Analogue Addressable Type A Wall Sounder (White Colour) CHQ-WSB2(WHT)/RL Intelligent Analogue Addressable Type A/B Wall Sounder (Red Light) Beacon (White Colour) CHQ-WSB2/RL Intelligent Analogue Addressable Type A/B Wall Sounder (Red Light) Beacon (Red Colour) CHQ-WSB2/RL-HFP Intelligent Analogue Addressable Type A/B Wall Sounder (Red Light) Beacon (Red Colour) CHQ-WSB2(WHT)/RL-HFP Intelligent Analogue Addressable Type A/B Wall Sounder (Red Light) Beacon (White Colour) CHQ-WSB2(WHT)/WL Intelligent Analogue Addressable Type A/B Wall Sounder (White Light) Beacon (White Colour) CHQ-WSB2(WHT)/WL-HFP Intelligent Analogue Addressable Type A/B Wall Sounder (White Light) Beacon (White Colour) CHQ-WSB2/WL Intelligent Analogue Addressable Type A/B Wall Sounder (White Light) Beacon (Red Colour) CHQ-WSB2/WL-HFP Intelligent Analogue Addressable Type A/B Wall Sounder (White Light) Beacon (Red Colour) YBO-BS Intelligent Analogue Addressable Type A Base Sounder (Ivory Colour) YBO-BS (WHT) Intelligent Analogue Addressable Type A Base Sounder (White Colour) YBO-BS(HFP) Intelligent Analogue Addressable Type A Base Sounder (White Colour) YBO-BSB2(WHT)/RL Intelligent Analogue Addressable Type A Base Sounder (Red Light) Beacon (White Colour) YBO-BSB2(WHT)/RL-HFP Intelligent Analogue Addressable Type A Base Sounder (Red Light) Beacon (White Colour) YBO-BSB2(WHT)/WL Intelligent Analogue Addressable Type A Base Sounder (White Light) Beacon (White Colour) YBO-BSB2(WHT)/WL-HFP Intelligent Analogue Addressable Type A Base Sounder (White Light) Beacon (White Colour) YBO-BSB2/RL Intelligent Analogue Addressable Type A Base Sounder (Red Light) Beacon (Ivory Colour) YBO-BSB2/WL Intelligent Analogue Addressable Type A Base Sounder (White Light) Beacon (Ivory Colour) CWST-RW-S5 Conventional Beacon CWST-RW-W5 Conventional Beacon CWST-RR-S5 Conventional

Beacon CWST-WW-S5 Conventional Beacon CWST-WW-W5 Conventional Beacon CWST-WR-S5 Conventional Beacon CWST-WR-W5 Conventional Beacon Line Units (Hochiki Protocol) CHQ-DIM/DIN(SCI) Intelligent Analogue Addressable Dual Input Module with Short Circuit Isolator (DIN Rail Version) CHQ-DIM/OEM(SCI) Intelligent Analogue Addressable Dual Input Module with Short Circuit Isolator CHQ-DIM/OEM(HFP)-SCI Intelligent Analogue Addressable Dual Input Module with Short Circuit Isolator CHQ-DIM2(SCI) Intelligent Analogue Addressable Dual Input Module with Short Circuit Isolator CHQ-DIM2/DIN(SCI) Intelligent Analogue Addressable Dual Input Module with Short Circuit Isolator (DIN Rail Version) CHQ-DRC/DIN(SCI) Intelligent Analogue Addressable Dual Relay Controller with Short Circuit Isolator (DIN Rail Version) CHQ-DRC/OEM(SCI) Intelligent Analogue Addressable Dual Relay Controller with Short Circuit Isolator CHQ-DRC/OEM(HFP)-SCI Intelligent Analogue Addressable Dual Relay Controller with Short Circuit Isolator CHQ-DRC2(SCI) Intelligent Analogue Addressable Dual Relay Controller with Short Circuit Isolator CHQ-DRC2/DIN(SCI) Intelligent Analogue Addressable Dual Relay Controller with Short Circuit Isolator (DIN Rail Version) CHQ-DRC2(HFP)-SCI Intelligent Analogue Addressable Dual Relay Controller with Short Circuit Isolator CHQ-DSC/OEM(SCI) Intelligent Analogue Addressable Dual Sounder Controller with Short Circuit Isolator (DIN Rail Version) CHQ-DSC/OEM(HFP)-SCI Intelligent Analogue Addressable Dual Sounder Controller with Short Circuit Isolator CHQ-DSC2(SCI) Intelligent Analogue Addressable Dual Sounder Controller with Short Circuit Isolator (DIN Rail Version) CHQ-DSC2(HFP)-SCI Intelligent Analogue Addressable Dual Sounder Controller with Short Circuit Isolator CHQ-DZM(SCI)-IS Intelligent Analogue Addressable Intrinsically Safe Dual Zone Monitor with Short Circuit Isolator CHQ-DZM(HFP)-SCI-IS Intelligent Analogue Addressable Intrinsically Safe Dual Zone Monitor with Short Circuit Isolator CHQ-DZM/DIN(SCI)-IS Intelligent Analogue Addressable Intrinsically Safe Dual Zone Monitor with Short Circuit Isolator (DIN Rail Version) CHQ-FTM Intelligent

Analogue 4-20mA Input/Output Module CHQ-FTM/DIN Intelligent Analogue 4-20mA Input/Output

Module (DIN Rail Version) CHQ-FTM(HFP) Intelligent Analogue 4-20mA Input/Output Module CHQ-MRC2(SCI) Intelligent Analogue Mains Relay Controller with Short Circuit Isolator CHQ-

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MRC2/DIN(SCI) Intelligent Analogue Mains Relay Controller with Short Circuit Isolator (DIN Rail Version) CHQ-MRC2(HFP)-SCI Intelligent Analogue Mains Relay Controller with Short Circuit Isolator CHQ-PCM(SCI) Intelligent Analogue Addressable 4 Input 4 Output Plant Control Module with Short Circuit Isolator CHQ-PCM/DIN(SCI) Intelligent Analogue Addressable 4 Input 4 Output Plant Control Module with Short Circuit Isolator (DIN Rail Version) CHQ-PCM(HFP)-SCI Intelligent Analogue Addressable 4 Input 4 Output Plant Control Module with Short Circuit Isolator CHQ-POM Intelligent Analogue Addressable Powered Output Module CHQ-POM(HFP) Intelligent Analogue Addressable Powered Output Module CHQ-SIM Intelligent Analogue Addressable Single Input Module CHQ-SIM(HFP) Intelligent Analogue Addressable Single Input Module CHQ-SOM Intelligent Analogue Addressable Single Output Module CHQ-SOM(HFP) Intelligent Analogue Addressable Single Output Module CHQ-SZM2(SCI) Intelligent Analogue Addressable Single Zone Module with Short Circuit Isolator CHQ-SZM2/DIN(SCI) Intelligent Analogue Addressable Single Zone Module with Short Circuit Isolator (DIN Rail Version) CHQ-SZM2(HFP)-SCI Intelligent Analogue Addressable Single Zone Module with Short Circuit Isolator Manual Call Points (Hochiki Protocol) HCP-E(SCI) Intelligent Analogue Addressable Manual Call point with Short Circuit Isolator (SR Mounting Box) HCP-E(HFP)-SCI Intelligent Analogue Addressable Manual Call point with Short Circuit Isolator (SR Mounting Box) SCP-W(DPS) Intelligent Analogue Addressable Type A Weatherproof Manual Call point SCP-DPS

Intelligent Analogue Addressable Type A Manual Call point HCP-W(SCI) Weatherproof Intelligent Analogue Addressable Manual Call point with Short Circuit Isolator (SR Mounting Box) HCP-W(HFP)-SCI Weatherproof Intelligent Analogue Addressable Manual Call point with Short Circuit Isolator (SR Mounting Box) Short Circuit Isolating Bases YBN-R/3(SCI)-WHT Short Circuit Isolating Base (White

Colour) YBN-R/3(SCI) Short Circuit Isolating Base (Ivory Colour) YBN-R/3(HFP)-SCI Short Circuit Isolating Base (Ivory Colour) YBO-R/SCI(RED) Short Circuit Isolating Base (Red Colour) Notes: 1) For further information on each individual product including approved sensitivities, heat classification etc., refer to model reference number(s) in the appropriate section of the RedBook or on www.redbooklive.com . 2)

For further information on each transmission path compatibility and connectability refer to the manufacturers EN54-13 Manual document ref MAN-1401H.

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INSTALLATION, SERVICE AND MAINTENANCE OF PASSIVE FIRE PROTECTION PRODUCTS

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Certificate No: CERT 041001 to LPS 1175

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INSTALLATION, SERVICE AND MAINTENANCE OF PASSIVE FIRE PROTECTION PRODUCTS

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