

# Loss Prevention Certification Board



## This is to certify

**PITTWAY TECNOLOGICA Srl**  
Via Caboto 19/3, 34147 Trieste, Italy

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

**ECO1002, 2251TEM, 2351TEM, 2020PT, 2251TLE,  
22051TLE and 22051TE**  
**multi-criteria detectors**  
(refer to attached appendix for details)

which have complied with the requirements of the following:

**EN 54-7: 2000 + A1: 2002 – Fire detection and fire alarm systems - Smoke detectors - Point detectors using scattered light, transmitted light or ionization.**

**EN 54-5: 2000 + A1: 2002 – Fire detection and fire alarm systems - Heat detectors: Point detectors.**

**CEA 4021: 2003 – Specifications for fire detection and fire alarm systems - Requirements and test methods for Multisensor detectors, which respond to smoke and heat, and smoke detectors with more than one smoke sensor.**

Certificate No. 199p

Issue No. 13

Date of Issue 23 April 2009

This certificate is valid until withdrawn by LPCB.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](http://www.RedBookLive.com) or contact us.

Signed on behalf of the LPCB

Name: P STEVENS



LPCB is part of BRE Certification Ltd., Garston, Watford WD25 9XX. Tel +44 (0)1923 664100  
Fax +44 (0)1923 664603 [www.RedBookLive.com](http://www.RedBookLive.com)

This certificate remains the property of BRE Certification Ltd and is issued subject to terms and conditions and is maintained and held in force through regular surveillance activities.



# Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 199p

## PITWAY TECNOLOGICA Srl

Certificated Products	LPCB Ref. No.
ECO1002 Conventional photo-thermal detector (ECO1000B, ECO1000BSD, ECO1000BR, ECO1000BRSD, ECO1000BR680, ECO1000BR680SD, ECO1000BR1000, ECO1000BR1000SD, ECO1000DB, ECO1000DBR and ECO1000DBRSD bases) <i>Note: Meets the requirements of EN 54-5: 2000 at class A1R and EN 54-7: 2000 at pre-set sensitivity</i>	199p/01
2251TEM Analogue addressable optical/thermal smoke & heat detector (B501, B501AP, B501DG & B524IEFT bases) <i>Note: Meets the requirements of EN 54-5: 2000 at class A1R and EN 54-7: 2000 at sensitivity settings 1 to 5</i>	199p/02
2351TEM Conventional optical/thermal smoke & heat detector (B401, B401DG, B401R, B401SD and B401RSD bases) <i>Note: Meets the requirements of EN 54-5: 2000 at class A1R and EN 54-7: 2000 at 'High', 'Medium' and 'Low'.</i>	199p/03
Vision 2020PT Conventional photo thermal detector (2020B, 2020DB, 2020BSD, 2020DBSD bases) <i>Note: Meets the requirements of EN 54-5: 2000 at class A1R and EN 54-7: 2000 at pre-set sensitivity</i>	199p/04
2251TLE Analogue addressable multi-criteria detector incorporating photoelectric, thermal and IR sensors (B501, B501AP, B501DG and B524IEFT-1 bases) <i>Note: Certified at the following settings: -</i>	199p/05
<i>Normal Mode:</i>	<i>Alarm Levels 1 to 5 (Multi-criteria): EN54-5 Class A1R, EN54-7 and CEA 4021 Alarm Level 6 (Heat Only Mode): EN54-5 Class A1R</i>

For details of Cross-Listed products and alternative branding please see page 5-6.

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](http://www.RedBookLive.com) or contact us.

Signed on behalf of the LPCB

Name: P STEVENS

Page 2 of 6

Date of Issue 23 April 2009

Issue No. 13

LPCB is part of BRE Certification Ltd., Garston, Watford WD25 9XX. Tel +44 (0)1923 664100  
Fax +44 (0)1923 664603 [www.RedBookLive.com](http://www.RedBookLive.com)

This certificate remains the property of BRE Certification Ltd and is issued subject to terms and conditions  
and is maintained and held in force through regular surveillance activities.



# Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 199p

## PITWAY TECNOLOGICA Srl

Certificated Products	LPCB Ref. No.
<p>22051TLE      Analogue addressable photo-thermal-IR multi-criteria sensor (B501AP, B501, B524IEFT-1, B524HTR and B524RTE bases) <i>Note: Certified at the following settings: -</i></p> <p><i>Alarm levels 1 to 5 (Multi-criteria): EN 54-5: 2000 class A1R, EN 54-7: 2000 &amp; CEA 4021: 2003</i> <i>Alarm level 6 (Heat only mode): EN 54-5: 2000 class A1R</i></p>	199p/06
<p>22051TE      Analogue addressable photo-thermal multi-criteria sensor (B501AP, B501, B524IEFT-1, B524HTR and B524RTE bases) <i>Note: Certified at the following settings: -</i></p> <p><i>Alarm levels 1 to 5 (Multi-criteria): EN 54-5: 2000 class A1R, EN 54-7: 2000 &amp; CEA 4021: 2003</i> <i>Alarm level 6 (Heat only mode): EN 54-5: 2000 class A1R</i></p>	199p/07

For details of Cross-Listed products and alternative branding please see page 5-6.

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](http://www.RedBookLive.com) or contact us.

Signed on behalf of the LPCB

Name: P STEVENS

Page 3 of 6

Date of Issue 23 April 2009

Issue No. 13

LPCB is part of BRE Certification Ltd., Garston, Watford WD25 9XX. Tel +44 (0)1923 664100  
Fax +44 (0)1923 664603 [www.RedBookLive.com](http://www.RedBookLive.com)

This certificate remains the property of BRE Certification Ltd and is issued subject to terms and conditions  
and is maintained and held in force through regular surveillance activities.



# Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 199p

## PITWAY TECNOLOGICA Srl

### Bases:

ECO1000B	Standard base
ECO1000BSD	Standard base with schottky diode
ECO1000BR	Standard base, 470 ohm resistor
ECO1000BRSD	Standard base, 470 ohm resistor and schottky diode
ECO1000BR680	Standard base, 680 ohm resistor
ECO1000BR680SD	Standard base, 680 ohm resistor and schottky diode
ECO1000BR1000	Standard base, 1000 ohm resistor
ECO1000BR1000SD	Standard base, 1000 ohm resistor and schottky diode
ECO1000DB	Deep base
ECO1000DBR	Deep base, 470 ohm resistor
ECO1000DBRSD	Deep base, 470 ohm resistor and schottky diode
B501	Standard analogue detector base
B501AP	Intelligent detector base
B501DG	Deep detector base
B524IEFT	Short circuit isolator base
B524IEFT-1	Analogue short circuit isolator base
B524HTR	Heater base
B524RTE	Latching relay base
B401	Standard base
B401DG	Deep base
B401R	Standard base with 470 ohm resistor
B401SD	Standard base with schottky diode
B401RSD	Standard base with 470 ohm resistor and schottky diode
2020B	Standard base
2020DB	Deep base
2020BSD	Standard base with schottky diode
2020DBSD	Deep base with schottky diode

For details of Cross-Listed products and alternative branding please see page 5-6.

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](http://www.RedBookLive.com) or contact us.

Signed on behalf of the LPCB

Name: P STEVENS

Page 4 of 6

Date of Issue 23 April 2009

Issue No. 13

LPCB is part of BRE Certification Ltd., Garston, Watford WD25 9XX. Tel +44 (0)1923 664100  
Fax +44 (0)1923 664603 [www.RedBookLive.com](http://www.RedBookLive.com)

This certificate remains the property of BRE Certification Ltd and is issued subject to terms and conditions  
and is maintained and held in force through regular surveillance activities.



# Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 199p

## PITWAY TECNOLOGICA Srl

### ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor's Cert/Ref No.
199p/01	ECO1002	WDET-OP-TH-I	KAC	199p/01
199p/02	2251TEM	SDX-751TEM MI-PTSE TC840ME PY2700TEM Resonance Combined 2251TEMJ	Notifier Morley IAS Honeywell Ademco Chubb Fire Ltd Johnson Controls	199p/02 199p/02 068e 199p/02 199p/02 199p/02
199p/03	2351TEM	SD-851TE ED2351TEM 2610TEM	Notifier OY ESMI AB Ademco	199p/03 199p/03 199p/03
199p/04	2020PT	ZF02 HRZ-1002	Bardic by Honeywell Morley IAS	199p/04 199p/04
199p/05	2251TLE	IRX-751TEM TC840MFE  MI-PTIR ESMI2251TLE	Notifier Fire Systems Honeywell Control Systems Morley IAS OY ESMI AB	199p/05 199p-(cl-1)  199p/05 199p/05

For details of Cross-Listed products and alternative branding please see page 5-6.

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](http://www.RedBookLive.com) or contact us.

Signed on behalf of the LPCB

Name: P STEVENS

Page 5 of 6

Date of Issue 23 April 2009

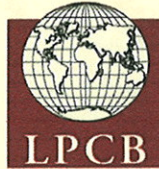
Issue No. 13

LPCB is part of BRE Certification Ltd., Garston, Watford WD25 9XX. Tel +44 (0)1923 664100  
Fax +44 (0)1923 664603 [www.RedBookLive.com](http://www.RedBookLive.com)

This certificate remains the property of BRE Certification Ltd and is issued subject to terms and conditions  
and is maintained and held in force through regular surveillance activities.



# Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 199p

## PITWAY TECNOLOGICA Srl

### ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributor's Cert/Ref No.
199p/06	22051TLE	MI-PTIR-S2	Morley IAS Fire Systems by Honeywell	199p/06
		NFX-SMT3	Notifier Fire Systems by Honeywell	199p/06
		TC840MFES	Honeywell Control Systems	199p-(cl-1)
199p/07	22051TE	MI-PTSE-S2	Morley IAS Fire Systems by Honeywell	199p/07
		NFX-SMT2	Notifier Fire Systems by Honeywell	199p/07
		TC840MES	Honeywell Control Systems	199p-(cl-1)
199	ECO1000BR	WDB-470	KAC	199
DB-470		KAC	199	
199	ECO1000BRSD	WDB-470-D	KAC	199
DB-470-D		KAC	199	
199	2020BSD	HRZ-1000BSD	Morley IAS	199

For details of Cross-Listed products and alternative branding please see page 5-6.

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](http://www.RedBookLive.com) or contact us.

Signed on behalf of the LPCB

Name: P STEVENS

Page 6 of 6

Date of Issue 23 April 2009

Issue No. 13

LPCB is part of BRE Certification Ltd., Garston, Watford WD25 9XX. Tel +44 (0)1923 664100  
Fax +44 (0)1923 664603 [www.RedBookLive.com](http://www.RedBookLive.com)

This certificate remains the property of BRE Certification Ltd and is issued subject to terms and conditions and is maintained and held in force through regular surveillance activities.