

Certificate of Constancy of Performance



0359-CPR-00210

Appendix to Certificate of Constancy of Performance 0359-CPR-00210

The details and condition of use for the SD119 Range of Conventional Smoke and Smoke/Heat Detectors, placed on the market by:

Ningbo Sentek Electronics Co. Limited

48 Yingchun Road, Wangchun Industrial Park, Ningbo City, China 315175

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Products compliant with EN54-5:2000+A1:2002:

Variant	Description
SD119-2H	Conventional 2 Wire Photoelectric Smoke Detector with Class A2 Heat Detector
SD119-2HL	Conventional 2 Wire Photoelectric Smoke Detector with Class A2 Heat Detector and Remote LED Output
SD119-4H(12V)	Conventional 4 Wire Photoelectric Smoke Detector with Class A2 Heat Detector and 12VDC Relay Output
SD119-4H(24V)	Conventional 4 Wire Photoelectric Smoke Detector with Class A2 Heat Detector and 24VDC Relay Output

Products compliant with EN54-7:2000+A1:2002+A2:2006:

Variant	Description
SD119-2	Conventional 2 Wire Photoelectric Smoke Detector
SD119-2L	Conventional 2 Wire Photoelectric Smoke Detector with Remote LED Output
SD119-2H	Conventional 2 Wire Photoelectric Smoke Detector with Class A2 Heat Detector
SD119-2HL	Conventional 2 Wire Photoelectric Smoke Detector with Class A2 Heat Detector and Remote LED Output
SD119-4(12V)	Conventional 4 Wire Photoelectric Smoke Detector with 12VDC Relay Output
SD119-4(24V)	Conventional 4 Wire Photoelectric Smoke Detector with 24VDC Relay Output
SD119-4H(12V)	Conventional 4 Wire Photoelectric Smoke Detector with Class A2 Heat Detector and 12VDC Relay Output
SD119-4H(24V)	Conventional 4 Wire Photoelectric Smoke Detector with Class A2 Heat Detector and 24VDC Relay Output

Bases:

Variant	Description
852001	Base Assembly for use with Models SD119-2 and SD119-2H
854001	Base Assembly for use with Models SD119-2L, SD119-2HL, SD119-4(12V), SD119-4(24V), SD119-4H(12V) and SD119-4H(24V)

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900, Fax: +44 (0)1372 370977, E-mail: cpd.uk@intertek.com

0359-CPR-00210
Issue 1

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
CM14 5NQ, United Kingdom

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Certificate of Constancy of Performance

0359-CPR-00210

The Intertek logo consists of the word "Intertek" in white, bold, sans-serif font, centered within a dark blue rounded rectangular background.

Appendix to Certificate of Constancy of Performance 0359-CPR-00210 (continued)

Conditions of use:

Suitable for indoor applications

General Notes:

1. Tested under Intertek project number 100909837.
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900, Fax: +44 (0)1372 370977, E-mail: cpd.uk@intertek.com

0359-CPR-00210
Issue 1

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
CM14 5NQ, United Kingdom

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Appendix to Certificate of Constancy of Performance 0359-CPR-00210 (continued)

<i>Table of performance for EN54-5:2000+A1:2002</i>			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	Pass	4.2, 4.3, 5.2 to 5.6, 5.8, 6.1, 6.2	a, b
Operational reliability	Pass	4.4 to 4.11	c
Tolerance to supply voltage	Pass	5.7	
Durability of operational reliability and response delay; temperature resistance	Pass	5.9, 5.10	a
Durability of operational reliability; vibration resistance	Pass	5.14 to 5.17	
Durability of operational reliability; humidity resistance	Pass	5.11, 5.12	
Durability of operational reliability; corrosion resistance	Pass	5.13	
Durability of operational reliability; electrical stability	Pass	5.18	
<p><i>Notes:</i></p> <p><i>Applies to Models SD119-2H, SD119-2HL, SD119-4H(12V) and SD119-4H(24V). These Models also have a declared performance relating to EN54-7:2000+A1:2002+A2:2006.</i></p> <p>a. <i>Clauses 5.5 and 5.10 are not applicable to Class A1 and Class A2 detectors.</i></p> <p>b. <i>Clauses 6.1 and 6.2 are only applicable to suffix S and suffix R detectors.</i></p> <p>c. <i>The manufacturer declared that the SD119 range of detectors did not rely on software to fulfill the requirements of the standard; Clause 4.11 has therefore not been assessed.</i></p>			

Certificate of Constancy of Performance

0359-CPR-00210



Appendix to Certificate of Constancy of Performance 0359-CPR-00210 (continued)

<i>Table of performance for EN54-7:2000+A1:2002+A2:2006</i>			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	Pass	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	a
Operational reliability	Pass	4.2 to 4.7, 4.9 to 4.11	a
Tolerance to supply voltage	Pass	5.5	
Durability of operational reliability and response delay; temperature resistance	Pass	5.8, 5.9	
Durability of operational reliability; vibration resistance	Pass	5.13 to 5.16	
Durability of operational reliability; humidity resistance	Pass	5.10, 5.11	
Durability of operational reliability; corrosion resistance	Pass	5.12	
Durability of operational reliability; electrical stability	Pass	5.17	
<i>Notes:</i>			
<i>Applies to Models SD119-2, SD119-2L, SD119-4(12V), SD119-4(24V), SD119-2H, SD119-2HL, SD119-4H(12V) and SD119-4H(24V). Models SD119-2H, SD119-2HL, SD119-4H(12V) and SD119-4H(24V) also have a declared performance relating to EN54-5:2000+A1:2002.</i>			
a. <i>The manufacturer declared that the SD119 range of detectors did not rely on software to fulfill the requirements of the standard; Clauses 4.8 and 4.11 have therefore not been assessed.</i>			

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900, Fax: +44 (0)1372 370977, E-mail: cpd.uk@intertek.com

0359-CPR-00210
Issue 1

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
CM14 5NQ, United Kingdom

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.