



This is to certify that:

Ningbo Ambest Electronics Co. Ltd

Mogao Road

Dongqian Lake Tourist Resort District

Ningbo Zhejiang 315121 China

Holds Certificate No:

0086-CPR-587624

In respect of:

EN 54-5:2001 + A1:2002 & EN 54-7:2001 + A1:2002 & A2:2006

Fire detection and fire alarm systems. Heat detectors and Smoke detectors. Combined Point detectors.

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the above construction products.

This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standards under system 1 are applied and that the product fulfils (products fulfil) all the prescribed requirements set out above.

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 0086):

Gary Fenton, Global Assurance Director

This certificate remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard(s), used to assess the performance of the declared characteristics, do not change and the product(s), and the manufacturing conditions in the plant(s) are not modified significantly.

First Issued: 13 June 2013

Latest Issue: 29 October 2014

Page 1 of 4





No. 0086-CPR-587624

Manufacturing Plant:

Ningbo Ambest Electronics Co. Ltd

Mogao Road

Dongqian Lake Tourist Resort District

Ningbo Zhejiang 315121 China

Product Information

Model Reference

Type

SNC-300-C2

Conventional 2-Wire Photoelectric Smoke and Class A2 Heat Detector.

SNC-300-CL

Conventional 2-Wire Photoelectric Smoke and Class A2 Heat Detector with Remote

Indicator.

SNC-300-CR

Conventional 4-Wire Photoelectric Smoke and Class A2 Heat Detector with Relay

Output.

Certified for use with the CN3023 and CN3043 conventional detector mounting base.

Model Reference

Type

SNA-360-C2

Addressable Photoelectric Smoke and Class A2 Heat Detector.

SNA-360-CL

Addressable Photoelectric Smoke and Class A2 Heat Detector with Remote Indicator.

Certified for use with the CN302A and CN304A addressable detector mounting base.

First Issued: 13 June 2013

Page 2 of 4

Latest Issue: 29 October 2014





No. 0086-CPR-587624

Appendix 1

Harmonised Technical Specification		EN 54-5:2001 + A1
Essential Characteristics	Performance	Clause
Nominal activation conditions / sen and performance	sitivity / response de under fire conditions	
Classification	Pass	4.2
Position of heat sensitive elements	Pass	4.3
Directional dependence	Pass	5.2
Static response temperature	Pass	5.3
Response times from typical application temperature	Pass	5.4
Response times from high ambient temperature	Pass	5.6
Reproducibility	Pass	5.8
Operatio	nal Reliability	5 de
Individual alarm indication	Pass	4.4
Connection of ancillary devices	Pass	4.5
Monitoring of detachable detectors	Pass	4.6
Manufacturer's adjustments	Pass	4.7
On-site adjustment of response behaviour	Pass	4.8
Marking	Pass	4.9
Data	Pass	4.10
Additional requirements for software controlled letectors	Pass	4.11
Tolerance to	o supply voltage	
Variation in supply parameters	Pass	5.7
Durability of Op	erational Reliability	_
Cold (operational)	Pass	5.9
Damp heat, cyclic (operational)	Pass	5.11
Damp heat, steady state (endurance)	Pass	5.12
Sulphur dioxide (SO2) corrosion (endurance)	Pass	5.13
Shock (operational)	Pass	5.14
mpact (operational)	Pass	5.15
/ibration, sinusoidal (operational)	Pass	5.16
Vibration, sinusoidal (endurance)	Pass	5.17
Durability of Operational	Reliability, Electrical	Stability
Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.18

First Issued: 13 June 2013

Page 3 of 4

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Latest Issue: 29 October 2014





No. 0086-CPR-587624

Appendix 1 (continued)

Harmonised Technical Specification		EN 54-7:2001 + A1 & A2
Essential Characteristics	Performance	Clause
Nominal activation conditions / s and performan	sensitivity / response de nce under fire condition	
Repeatability	Pass	5.2
Directional dependence	Pass	5.3
Reproducibility	Pass	5.4
Air movement	Pass	5.6
Dazzling	Pass	5.7
Fire sensitivity	Pass	5.18
Opera	tional Reliability	
Individual alarm indicator	Pass	4.2
Connection of ancillary devices	Pass	4.3
Monitoring of detachable detectors	Pass	4.4
Manufacturer's adjustments	Pass	4.5
On-site adjustment of response behaviour	Pass	4.6
Protection against the ingress of foreign bodies	Pass	4.7
Response to slowly developing fires	Pass	4.8
Marking	Pass	4.9
Data	Pass	4.10
Additional requirements for software controlled detectors	Pass	4.11
Tolerance	e to supply voltage	
Variation in supply voltage	Pass	5.5
Durability of	Operational Reliability	
Dry heat (operational)	Pass	5.8
Cold (operational)	Pass	5.9
Damp heat, steady state (operational)	Pass	5.10
Damp heat, steady state (endurance)	Pass	5.11
Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	5.12
Shock (operational)	Pass	5.13
Impact (operational)	Pass	5.14
/ibration, sinusoidal (operational)	Pass	5.15
/ibration, sinusoidal (endurance)	Pass	5.16
Durability of Operation	al Reliability, Electrical	Stability
Electromagnetic compatibility (EMC), immunity operational)	Pass	5.17

First Issued: 13 June 2013

Latest Issue: 29 October 2014

Page 4 of 4

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