



# Certificate of Constancy of Performance

No. 0086-CPR-587624

Manufacturing Plant:

**Ningbo Ambest Electronics Co. Ltd**  
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Dongqian Lake Tourist Resort District  
Ningbo  
Zhejiang  
315121  
China

## Product Information

<b>Model Reference</b>	<b>Type</b>
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.

<b>Model Reference</b>	<b>Type</b>
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.

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## Appendix 1 (continued)

Harmonised Technical Specification		EN 54-7:2001 + A1 & A2
Essential Characteristics	Performance	Clause
<b>Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions</b>		
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
<b>Operational Reliability</b>		
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
<b>Tolerance to supply voltage</b>		
Variation in supply voltage	Pass	5.5
<b>Durability of Operational Reliability</b>		
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 <sub>2</sub> ) corrosion (endurance)	Pass	5.12
Shock (operational)	Pass	5.13
Impact (operational)	Pass	5.14
Vibration, sinusoidal (operational)	Pass	5.15
Vibration, sinusoidal (endurance)	Pass	5.16
<b>Durability of Operational Reliability, Electrical Stability</b>		
Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.17

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