

Certificate of Constancy of Performance

This is to certify that:

Ningbo Ambest Electronics Co., Ltd
9 Xizhao Road
Innovative Industrial Area
Dong Qian Lake
Ningbo
Zhejiang
315121
China

Holds Certificate Number:

0086-CPR-639039

In respect of:

EN 54-11: 2001+A1:2005
Fire detection and fire alarm systems - Manual call points

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 product. This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standard(s) under system 1 are applied and that the product fulfils (products fulfil) all the prescribed requirements set out above. 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 essential characteristics, do not change and the products(s), and the manufacturing conditions in the plants(s) are not modified significantly.

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


Chris Lewis - Certification Director, Product Certification

First Issued: 2018-07-05

Latest Issue: 2018-07-05

Page: 1 of 3

...making excellence a habit.™

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No. 0086-CPR-639039

Manufacturing Plant

Ningbo Ambest Electronics Co.,Ltd.
Mogao Road
Industrial Zone Of Dongqianhu Tourist Resort District
Ningbo
Zhejiang
315121
China

Product Information

BS EN 54 Part 11:2001+ A1:2005 Manual call points

Model Reference	Type
660-001	Addressable Manual Call Point Type A
460-002	Non-Addressable Manual Call Point Type A



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Page: 2 of 3

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Appendix 1

Harmonised Technical Specification		EN 54-11: 2001 + A1: 2005
Essential Characteristics	Performance	Clause
Nominal activation conditions / Sensitivity and Performance under fire conditions		
Alarm condition	Pass	4.3.2
Indicator for alarm condition	Pass	4.4
Safety aspects	Pass	4.7.1
Protection against accidental operation	Pass	4.7.4
Operational performance test	Pass	5.2
Function test	Pass	5.3
Operational Reliability		
Marking and data	Pass	4.2
Normal condition	Pass	4.3.1
Reset facility	Pass	4.5
Test facility	Pass	4.6
Shape, dimensions and colours	Pass	4.7.2
Symbols and lettering	Pass	4.7.3
Environment category	Pass	4.7.5
Additional requirements for software controlled manual call points	Pass	4.8
Test facility test (operational)	Pass	5.4
Reliability test (endurance)	Pass	5.5
Durability of Operational Reliability		
Dry heat (operational)	Pass	5.7
Cold (operational)	Pass	5.9
Damp heat, cyclic (operational)	Pass	5.10
Damp heat, steady state (endurance)	Pass	5.11
Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	5.13
Shock (operational)	Pass	5.14

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Page: 3 of 3

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