## DECLARATION OF PERFORMANCE

Manufacturer:	European Safety Systems Ltd. Impress House, Mansell Road, Actor London, W3 7QH, UK	warning signals
Equipment Type:		A100DC24, A100DC48
Intended Use:		Fire Safety (Fire Detection and Fire Alarm Systems – Alarm Devices – Sounders, buildings)
System of Assessment and Verification of Constancy of Performance:		1
Production Control:		VdS Schadensverhütung GmbH Notified Body No.: 0786 Amsterdamer Str 172-174, 50735 Köln, Germany
EC-type Examination Certificate: 0		0786-CPD-20199
Standards: E		EN 54-3:2001 / A1:2002 / A2:2006
Declared Performance:		

**Essential Characteristics** Performance Standard EN 54-3:2001 / A1:2002 / A2:2006 Performance parameters under fire conditions Sound level Pass Clause 4.2 Frequencies and sound pattern Pass Clause 4.3 Reproducibility Pass Clause 5.2 **Operational Performance** Pass Clause 5.3 Attention drawing signal and message broadcast Not applicable Clause C.3.1 sequences Synchronisation Not applicable Clause C.3.2 Broadcast message performance Not applicable Clause C.5.1 Clause C.5.2 Attention drawing signal/silence/message sequence Not applicable timing Not applicable Clause C.5.3 Message synchronisation testing Operational reliability EN 54-3:2001 / A1:2002 / A2:2006 Durability Pass Clause 4.4 Construction Pass Clause 4.5 Marking and data Pass Clause 4.6 Durability Clause 5.4 Pass General testing Not applicable Clause C.4 Durability of operational reliability, temperature resistance EN 54-3:2001 / A1:2002 / A2:2006 Dry heat (operational) Pass Clause 5.5 Dry heat (endurance) Pass Clause 5.6 Cold (operational) Pass Clause 5.7 Damp heat. Cyclic (operational) Pass Clause 5.8 Damp heat, steady state (endurance) Durability of operational Clause 5.9 Pass reliability, humidity resistance Damp heat, cyclic (operational) Pass Clause 5.8 Damp heat, steady state (endurance) Pass Clause 5.9 Damp heat, cyclic (endurance) Clause 5.10 Pass Durability of operational reliability, corrosion resistance Sulphur dioxide (SO2) corrosion (endurance) Clause 5.11 Pass Durability of operational reliability, shock and vibration resistance Shock (operational) Pass Clause 5.12 Impact (operational) Pass Clause 5.13 Vibration, sinusoidal (operational) Pass Clause 5.14 Vibration, sinusoidal (endurance) Pass Clause 5.15 Durability of operational reliability, electrical stability Electromagnetic compatibility (EMC), immunity Clause 5.16 Pass (operational) Durability of operational reliability, resistance to ingress Enclosure protection Pass Clause 5.17

The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Martin Streetz

Quality Assurance Manager

Telephone: +44 (0)20 8743 8880 Facsimile: +44 (0)20 8740 4200 E-mail: sales@e2s.com www.e2s.com

Date and Place of Issue: Document No: Issue:

London, 17/10/2013 0786-CPD-20199 А

European Safety Systems Ltd Company Registration No. 2763350 Registered Office: Impress House Mansell Road, London, UK, W3 7QH, UK

