DECLARATION OF PERFORMANCE

Manufacturer: European Safety Systems Ltd.
Impress House, Mansell Road, Acton
London, W3 7QH, UK

Equipment Type: L101XDC024, L101XDC048

Intended Use: Fire Detection and Fire Alarm Systems installed in and around buildings

System of Assessment and Verification of Constancy of Performance: 1

Notified Body for EC type Examination and Factory Production Control: VdS Schadensverhütung GmbH
Notified Body No.: 0786
Amsterdamer Str 172-174, 50735 Köln, Germany

EC-type Examination Certificate: 0786-CPD-21247

Standards: EN54-23:2010

Declared Performance:

Essential Characteristics	Performance	Standard
Operational Reliability		EN 54-23:2010
- Duration of Operation	Pass	Clause 4.2.1
- Provision for external conductors	Pass	Clause 4.2.2
- Flammability of Materials	Pass	Clause 4.2.3
- Enclosure Protection	Pass	Clause 4.2.4
- Access	Pass	Clause 4.2.5
- Manufacturer's adjustments	Pass	Clause 4.2.6
- On-site adjustment of behaviour	Pass	Clause 4.2.7
- Requirements for Software controlled devices	Pass	Clause 4.2.8
Performance Parameters under fire conditions		EN 54-23:2010
- Coverage Volume	Pass	Clause 4.3.1
- Variation of Light Output	Pass	Clause 4.3.2
- Minimum and Maximum light intensity	Pass	Clause 4.3.3
- Light colour	Pass	Clause 4.3.4
- Light temporal pattern and frequency of flashing	1Hz	Clause 4.3.5
- Marking and Data	Pass	Clause 4.3.6
- Synchronisation	Pass	Clause 4.3.7
Durability, Temperature Resistance		EN 54-23:2010
- Dry Heat (operational)	Pass	Clause 4.4.1.1
- Dry Heat (endurance)	Pass	Clause 4.4.1.2
- Cold (operational)	Pass	Clause 4.4.1.3
Durability, Humidity resistance		
- Damp heat, cyclic (operational)	Pass	Clause 4.4.2.1
- Damp heat, steady state (endurance)	Pass	Clause 4.4.2.2
- Damp heat cyclic (endurance)	Pass	Clause 4.4.2.3
Durability, Shock and vibration resistance		
- Shock (operational)	Pass	Clause 4.4.3.1
- Impact (operational)	Pass	Clause 4.4.3.2
- Vibration, sinusoidal (operational)	Pass	Clause 4.4.3.3
- Vibration, sinusoidal (endurance)	Pass	Clause 4.4.3.4
Durability, Corrosion Resistance		
- Sulphur Dioxide (SO_2) corrosion (endurance)	Pass	Clause 4.4.4
Durability, Electrical stability		
- Electromagnetic compatibility (EMC), immunity (operational)	Pass	Clause 4.4.5

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

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