

Construction Products Regulations (305/2011/EU – CPR)

Declaration of Performance – 25987

1. Unique identification code of the product type: Xtralis VESDA VLS

Models:

VLS-600	VLS with 7 relays and Fire/OK LEDs
VLS-204	VLS with 7 relays and display module
VLS-214	VLS with 7 relays, display and program module
VLS-700	VLS with 12 relays and Fire/OK LEDs
VLS-304	VLS with 12 relays and display module
VLS-314	VLS with 12 relays, display and program module
VLS-100	VLS with 7 relays and OEM cover
VLS-500	VLS with 12 relays and OEM cover

French versions:

VLS-20000-NF	VLS with 7 relays and Fire/OK LEDs
VLS-20400-NF	VLS with 7 relays and display module
VLS-21400-NF	VLS with 7 relays, display and program module
VLS-30000-NF	VLS with 12 relays and Fire/OK LEDs
VLS-30400-NF	VLS with 12 relays and display module
VLS-31400-NF	VLS with 12 relays, display and program module

Remote Units:

VRT-100	Remote Programmer
VRT-300	VESDAnet socket
VRT-400	Remote VLS display unit (with 7 relays)
VRT-700	Remote VLS display unit (with no relays)
VRT-800	Remote VLS display unit (with 12 relays)
VRT-900	Remote VLS relays (with 12 relays)
VRT-E00	Remote VLS relays (with 7 relays)
VSR-xxxx	These remote units may be rack mounted

Ancillaries:

E700-FILASSY	In line filter
VSP-850	In line filter

2. Intended use:

Aspirating smoke detectors for use in fire detection and fire alarm systems installed in and around buildings

3. Manufacturer:

Xtralis Pty Ltd
 4 North Drive, Virginia Park
 236-262 East Boundary Road
 Bentleigh East
 Victoria 3165
 Australia

4. European address:

*Xtralis UK Ltd
Peoplebuilding
Ground Floor
Maylands Avenue
Hemel Hempstead
Herts HP2 4NW*

5. System of assessment of continuity of performance (AVCP): System 1

6. The products are certified to the harmonised standard(s) identified in the table below by:

*BRE Certification Limited and LPCB
Bucknalls Lane
Garston
Watford
WD25 9XX*

Notified Body Number: 0832

who have performed product type tests, initial inspection and subsequent surveillance of factory production control under system 1 and have issued the following certificates:

- EC Certificate of Constancy of Performance: *0832-CPR-F1683 (Australia)
0832-CPR-F1678 (Malaysia)*

8. Declared Performance: See next page

9. Declaration:

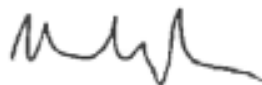
The performance of the product identified above is in conformity with the declared performances.. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified in 3.

Signed for and on behalf of the manufacturer

Name: Brian A Langkan

Position: Global Director – Regulatory Compliance

Signature:



Date: March 14, 2017

For aspirating smoke detectors the following table applies

Harmonised Technical Specification		EN 54-20:2006
Essential characteristics	Performance	Clause
Nominal activation conditions/sensitivity/response delay and performance under fire conditions:		
Response to slowly developing fires	<i>pass</i>	5.6
Repeatability	<i>pass</i>	6.2
Reproducibility	<i>pass</i>	6.3
Fire sensitivity (Class A, B &/or C)	<i>Class A,B & C⁽¹⁾</i>	6.15
Operational reliability:		
Individual alarm indication	<i>pass</i>	5.2
Connection of ancillary devices	<i>pass</i>	5.3
Manufacturer's adjustments	<i>pass</i>	5.4
On-site adjustment of behaviour	<i>pass</i>	5.5
Mechanical strength of the pipework	<i>pass</i>	5.7
Components in the sampling device	<i>pass</i>	5.8
Airflow monitoring	<i>pass</i>	5.9
Power supply	<i>pass⁽²⁾</i>	5.10
Data	<i>pass</i>	5.11
Software controlled detectors	<i>pass</i>	5.12
Tolerance to supply Voltage:		
Variation in supply parameters	<i>pass</i>	6.4
Durability of operational reliability:		
Temperature resistance:		
Dry heat (operational)	<i>pass</i>	6.5
Cold (operational)	<i>pass</i>	6.6
Vibration resistance		
Shock (operational)	<i>pass</i>	6.10
Impact (operational)	<i>pass</i>	6.11
Vibration sinusoidal (operational)	<i>pass</i>	6.12
Vibration sinusoidal (endurance)	<i>pass</i>	6.13
Electrical stability:		
Electromagnetic compatibility (EMC), immunity	<i>pass</i>	6.14
Humidity resistance:		
Damp heat, steady state (operational)	<i>pass</i>	6.7
Damp heat, steady state (endurance)	<i>pass</i>	6.8
Corrosion resistance:		
SO ₂ corrosion (endurance)	<i>pass</i>	6.9

(1) The class of any pipe/hole configuration and detector sensitivity is determined using ASPIRE

(2) The detector should be supplied with power from a power supply conforming to EN 54-4