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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

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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 *Notified Body Number: 0832*
Bucknalls Lane
Garston
Watford
WD25 9XX

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

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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	*pass*	5.6
Repeatability	*pass*	6.2
Reproducibility	*pass*	6.3
Fire sensitivity (Class A, B &/or C)	*Class A,B & C*(1)	6.15
Operational reliability:		
Individual alarm indication	*pass*	5.2
Connection of ancillary devices	*pass*	5.3
Manufacturer's adjustments	*pass*	5.4
On-site adjustment of behaviour	*pass*	5.5
Mechanical strength of the pipework	*pass*	5.7
Components in the sampling device	*pass*	5.8
Airflow monitoring	*pass*	5.9
Power supply	*pass*(2)	5.10
Data	*pass*	5.11
Software controlled detectors	*pass*	5.12
Tolerance to supply Voltage:		
Variation in supply parameters	*pass*	6.4
Durability of operational reliability:		
Temperature resistance:		
Dry heat (operational)	*pass*	6.5
Cold (operational)	*pass*	6.6
Vibration resistance		
Shock (operational)	*pass*	6.10
Impact (operational)	*pass*	6.11
Vibration sinusoidal (operational)	*pass*	6.12
Vibration sinusoidal (endurance)	*pass*	6.13
Electrical stability:		
Electromagnetic compatibility (EMC), immunity	*pass*	6.14
Humidity resistance:		
Damp heat, steady state (operational)	*pass*	6.7
Damp heat, steady state (endurance)	*pass*	6.8
Corrosion resistance:		
SO2 corrosion (endurance)	*pass*	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