

URXG.S5198 - Smoke Detectors for Special Applications

Smoke Detectors for Special Applications

XTRALIS PTY LTD

4 North Dr, Virginia Park
236-262 East Boundary Rd
Bentleigh, East Victoria, 3165 Australia

S5198

Investigated To UL 268 (7th ed.)

Model No.	Type	Sensitivity	Compatibility	Restrictions	Velocity Range (fpm)		Date of Manufacture	Time of Manufacture	Firmware Version	Update
					Min	Max				
VLF-500-UL	AS	-		D4	0	4000	-	-	-	-

Vesda Laser Plus 19 inch subrack Model(s) VRT-xxx, 516-018-102, VRT-xxxxx-FR, VRT-J0000-MRN, have VRT-xxxxx-T00, and VRT-xxxxx-C00, and VSR-xxxx

Model No.	Type	Sensitivity	Compatibility	Restrictions	Velocity Range (fpm)		Date of Manufacture	Time of Manufacture	Firmware Version	Update
					Min	Max				
Power supplies										
VPS-400US-48 (c)	AS	-		-	-	-	-	-	-	-
Smoke Detector "VESDA Series"										
VEP-A00-P-UL, VEP-A10-P-UL, VEP-A00-1P-UL (b) (g)(*)	AS	-		D4	0	4000	08-31-2020	8.13.01	-	-
Smoke Detector										
VES-A00-P-UL, VES-A10-P-UL	AS	-		D4	0	4000	08-31-2020	8.13.01	-	-
VEU-A00-UL, VEU-A10-UL	AS	-		D4	0	4000	08-31-2020	8.13.01	-	-
"VESDA Laser Compact"										

VLC-500 (b), VLC-505 (b), VLC-50500-NF,(b) VLC-50000-NF (b), VLC-50000-MRN (b), VLC-50500-MRN (b), 516-018-xxx (b), VLC-505-EX-US (b), VLC-500-EX-US (b), VLC-205-EX-US (b), VLC-200-EX-US (b)	AS	-	None	0	4000	-	-	-
"VESDA Laser Plus*"								
516-018-xxx (b) , VLP-00000-NF (b), VLP-00200-NF, VLP-01200 (b)	AS	-	None	0	4000	-	-	-
VLP-000 (b), VLP-400 (b), VLP-002 (b), VLP-010 (b), VLP-012 (b)	AS	-	None	0	4000	-	-	-
"VESDA Laser Scanner*"								
516-018-xxx (b), VLS-20000-NF (b), VLS-20400-NF, VLS-21400-NF (b), VLS-30000-NF (b), VLS-30400-NF (b), VLS-31400-NF (b)	AS	-	None	0	4000	-	-	-
VLS-200 (b), VLS-300 (b), VLS-600 (b), VLS-700 (b), VLS-204 (b), VLS-304 (b), VLS-310 (b), VLS-214 (b), VLS-314 (b)	AS	-	None	0	300	-	-	-
"VESDA-E Series "								
VEP-A00, VEP-A00-P, VEP-A00-1P, VEP-A10, VEP-A10-P, VES-A00-P, VES-A10-P, VES-A00-P-UL, VES-A10-P-UL (b) (g) (*)	AS	0.0031 - 0.625	None	0	4000	-	-	-
VEA-040-A00(b)(d)(e), VEA-040-A10 (b)(d)(e), VER-A40-40-STX (f)	AS	0.5 - 2.5	None	0	4000	-	-	-
VEU-A00,VEU-A00-P-UL, VEU-A00-P, VEU-A10, VEU-A10-P, VEU-A10-P-UL (b) (g) (*)	AS	0.0003 - 0.625	None	0	4000	-	-	-
VLC400 (b), VLC-828 (b)	AS	-	None	0	4000	-	-	-
VLF-250, VLF-500 (b)	AS	-	None	0	4000	-	-	-
VLI-880, VLI-885 (b) (*)	AS	0.0076 - 0.67	None	300	4000	-	-	-

VLQ-100 (b), ILQ-100 (b)	AS	0.046 - 0.915	None	0	4000	-	-	-
---------------------------------	----	------------------	------	---	------	---	---	---

D4 - For connection to any manufacturer's Listed compatible control unit.

AS - Air Sampling

(b) - Suitable for open area protection with limits as described in the installation instruction manual and ASPIRE2 (TM) report for the sample pipe network calculation for the pipe network "as installed" per NFPA 72 requirements.

(c) - for use with VESDA Laser Plus and Scanner air sampling smoke detectors along with remote equipment (includes Programmer, Display, VESDAnet Socket, 19 inch Subrack and PC Link HLI for use with VESDA Laser Plus and Scanner).

(d) - Also suitable for duct installations with limits described in the installation manual. Model sensitivity settings are: High (0.5%/ft Obsc.), Enhanced (1.2%/ft Obsc.), and Standard (2.5%/ft Obsc.).

(e) - NOTE: Models are for use with smooth bore 6 mm (1/4 inch) OD air sampling tubing, in accordance with the requirements of the local codes and authorities having jurisdiction.

(f) - NOTE: Model VER-A40-40-STX is a relay module for use with models VEA-040-A00, VEA-040-A10, which provide ancillary relay outputs for the air sampling ports of the connected detectors to identify which of the 40 maximum ports has sensed smoke. Model VER-A40-40 is intended for ancillary use only and shall not be used for alarm notification to the Fire Alarm Control Panell.

* - 3/4" internal diameter CPVC piping, Listed to UL 1887 (which includes use in plenum rated areas) for use with all VESDA series air sampling smoke detectors.

g - Also suitable for duct installation with limits described in the installation manual.

Note - 3/4" internal diameter CPVC piping, Listed for Fire Protection Service under the category of Chlorinated Polyvinyl Chloride Sprinkler Pipe and Fittings (VIWT). Listed for use in air plenums, complying with the requirements of the Standard for Fire Test of Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics, UL 1887, for use with all VESDA series air sampling smoke detectors.

Last Updated on 2021-05-18

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2021 UL LLC"