

UROX.S5022 - Smoke Detectors for Fire Alarm Systems

Smoke Detectors for Fire Alarm Systems

APOLLO FIRE DETECTORS LTD
 36 BROOKSIDE RD
 HAVANT, P09 1JR United Kingdom

S5022

Investigated To UL 268 (7th ed.)

Products Suitable for Ducts, D(I) and D(ST) are investigated to UL 268A

Detector	Compatibility			Velocity Range (fpm)		Date of Manufacture	Time of Manufacture	Firmware Version
	Model	Application	Type	Restrictions	Min			
SA5050-250APO	-	P	D4	0	300	-	-	-
SA5050-350APO	-	P(IHD)	D5	-	-	-	-	-
SA5150-650APO	-	P	D5	-	-	-	-	-
SA5150-750APO	-	P(IHD)	D5	-	-	-	-	-

Base Model	Related Detector	Control Unit Compatibility Restrictions
SA5000-210APO, SA5000-225APO, SA5000-250APO, SA5000-230APO	SA5050-250APO, SA5050-350APO, SA5150-650APO, SA5150-750APO	B3

Investigated To UL 268 (previous editions)

Products Suitable for Ducts, D(I) and D(ST) are investigated to UL 268A

Detector	Compatibility			Velocity Range (fpm)		Date of Manufacture	Time of Manufacture	Firmware Version
	Model	Application	Type	Restrictions	Min			

55000-250 (a), 55000-251 (a), 55000-225, 55000- 226, 55000-227 (c)	OAP	I	D2	0	300	-	-	-
55000-350, 55000- 351, 55000-325 (d), 55000-326 (d), 55000-327 (d), 55000-328 (d)	OAP	P	D2	0	300	-	-	-
55000-380	OAP	P(IHD)	D2	0	300	-	-	-
55000-550	OAP	I	D1	0	300	-	-	-
55000-650	OAP	P	D1	0	300	-	-	-
55000-886	OAP	P(IHD)	D1	0	300	-	-	-
58000-550, 58000- 551USM	OAP	I	*2	0	300	-	-	-
58000-650	OAP	P	*2	0	300	-	-	-
58000-651USM	OAP	P	*2	0	300	-	-	-
58000-750 (hc), 58000-751USM (hc)	OAP	P(IHD)	*2	0	300	-	-	-
58000-750 135 degrees F	-	P(IHD)	D3	-	-	-	-	-

Base Model	Related Detector	Control Unit Compatibility Restrictions
45681-200	55000-225, 55000-226, 55000-227, 55000-250, 55000-251, 55000-325, 55000-326, 55000-327, 55000-328, 55000-350, 55000-351, 55000-380, 55000-381	B2
45681-220, 45681-232	55000-225, 55000-226, 55000-276, 55000-250, 55000-251, 55000-325, 55000-326, 55000-327, 55000-350, 55000-351, 55000-380	B2
45681-227, 45681-230, 4681-231, 45681-252	55000-250, 55000-251, 55000-350, 55000-351, 55000-380	B2
45681-242, 45681-250, 45681- 533USM	55000-550, 55000-650, 55000-886, 55000-550, 58000-650, 58000-750	B2
45681-251	55000-225, 55000-226, 55000-227, 55000-250, 55000-251, 55000-325, 55000-326, 55000-327, 55000-350, 55000-351, 55000-380	B2
45681-255, 45681-256, 45681- 257, 45681-258	55000-225, 55000-226, 55000-227, 55000-325, 55000-326, 55000-327	B2
45681-284, 45681-210, 45681- 225, 45681-234, 45681-321, 45681-532USM, 45681-530USM	55000-550, 55000-650, 55000-886, 55000-450, 58000-450, 58000-550, 58000-650, 58000-750	B2

45681-524, 45681-525, 45681-535USM, 45681-526, 45681-536USM, 45681-527	55000-550, 55000-650, 55000-886, 58000-550, 58000-650, 58000-750	B2
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B2 - For connection to Listed control units with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible models indicated on installation wiring diagram for detector (base) and/or control unit.

B3 - For connection to a Listed open area protection smoke or heat detector head with which compatibility was determined by test or a review of circuit parameters. Refer to the manufacturer's installation instructions for a list of compatible models.

D1 - Listing limited to specific system control unit. Information on compatible control unit indicated on installation drawing of control unit and/or detector.

D2 - For connection to Listed control units with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible models indicated on installation wiring diagram for detector (base) and/or control unit.

D3 - For connection to a Listed open area protection smoke or heat detector head with which compatibility was determined by test or a review of circuit parameters. Refer to the manufacturer's installation instructions for a list of compatible models.

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

D5 - For use only with Listed control units with which compatibility was determined by test.

*1 - For connection to Listed control units, Models IAG ZXa UL and ZXe UL by Morley with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible models are indicated on installation wiring diagram for Detector (Base) and/or control units. The following model must have 2 or greater devices on each loop.

*2 - For connection to Listed control units, Models ZXa or ZXe, manufactured by Morley IAS employing software revision higher than 684aU0.

P - Photoelectric

IHD - Includes Integral Heat Detector

OAP - Open Area Protection

I - Ionization

Date of Manufacture identifies the manufacturing start date of all product models that will use the specific Time of Manufacture Firmware Version. The date of manufacture is noncoded and in the format YEAR (in 4 digits), MONTH (in letters), DAY (in 2 digits).

Time of Manufacture Firmware Version identifies a numerical and/or alphabetic series designation that is product and date-code specific and will only identify the Firmware Version at the time the product was manufactured. The numeric and/or alphabetic sequence is defined by the manufacturer.

Firmware Version Update is a numerical and/or alphabetic sequential identification that is product and date-code specific and sequentially identifies the Firmware Version Update from the previous version of firmware. The numerical and/or alphabetic sequence is defined by the manufacturer.

(a) - Suitable for use in ambient temperatures of 0-68 C (32-155 F).

(c) - Suitable for use in ambient temperatures of 0-70 C (32-158 F).

(d) - Suitable for use in ambient temperatures of 0-60 C (32-140 F).

(hc) - Employs integral 135 F rated heat sensor and is Complementary Listed under Heat-Automatic Fire Detectors (UQGS).

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