

## Smoke Detectors for Fire Alarm Systems

### COMPANY

#### SHIELD FIRE SAFETY & SECURITY LTD

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S25422

#### Investigated To UL 268 (7th ed.)

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

Detector Model	Application	Type	Compatibility Restrictions	Velocity Range (fpm)		Date of Manufacture	Time of Manufacture Firmware Version	Firmware Version Update
				Min	Max			
Alpha 2000	OAP	PB	None	-	-	June 15, 2018	1.2.0	-
S-A4011E	-	P	D4	0	300	-	-	-
S-A4014E	-	P(IHD)	D5	-	-	-	-	-
S-A5011	-	P	D5	-	-	-	-	-
S-A5014	-	P(IHD)	D5	-	-	-	-	-

Base Model	Related Detector	Control Unit Compatibility Restrictions
S-A5001	S-A4011E, S-A4014E, S-A5011, S-A5014	B3

#### Investigated To UL 268 (previous editions)

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

Detector Model	Application	Type	Compatibility Restrictions	Velocity Range (fpm)		Date of Manufacture	Time of Manufacture Firmware Version	Firmware Version Update
				Min	Max			
Alpha 3000(b)	OAP	PB	None	-	-	-	-	-
Alpha 5000	OAP	PB	None	-	-	-	-	-
S-A4011	OAP	P	D1	0	300	-	-	-
S-A4012	OAP	I	D1	0	300	-	-	-
S-A4014	OAP	P(IHD)	D1	0	300	-	-	-
S-C1050	OAP	PB	None	-	-	-	-	-

<b>S-C1100</b>	OAP	PB	None	-	-	-	-	-
<b>S-C2011(d)</b>	OAP	P	D2	0	300	-	-	-
<b>S-C2012 (c)</b>	OAP	I	D2	0	300	-	-	-

Base Model	Related Detector	Control Unit Compatibility Restrictions
<b>S-A4001, S-A4003, S-A4004, S-A4007</b>	S-A4012, S-A4011, S-A4014	B2
<b>S-A4005, S-A4006</b>	S-A4012, S-A4011, S-A4014	B2
<b>S-A4008</b>	S-A4011, S-A4012, S-A4013, S-A4014	B2
<b>S-A4023, S-A4024</b>	S-A4012, S-A4011, S-A4014	B2
<b>S-C2001</b>	S-C2011(d), S-C2012 (c)	B2

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.

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.

OAP - Open Area Protection

PB - Projected Beam

P - Photoelectric

IHD - Includes Integral Heat Detector

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.

(b) - Suitable for use in ambient temperatures of -20 to 55 C (-4 to 131 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).

Trademark and/or Tradename:



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