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**UROXC.S5022
 Smoke-Automatic Fire Detectors**

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Smoke-Automatic Fire Detectors

See General Information for Smoke-Automatic Fire Detectors

APOLLO FIRE DETECTORS LTD
 36 BROOKSIDE RD
 HAVANT, HAMPSHIRE P09 1JR UNITED KINGDOM

S5022

Fire alarm equipment.

Detector Model	Type	Compatibility Restriction	Velocity		Application
			Range Min	(fpm) Max	
55000-325(d),	P	**	0	300	OAP
55000-326(d),	P	**	0	300	OAP
55000-327(d)	P	**	0	300	OAP
55000-650	P	*	0	300	OAP
55000-886(h)	P	*	0	300	OAP
58000-650	P	***	0	300	OAP
58000-750(hc)	P	***	0	300	OAP

Model				
Head	Type*	Code	Base	Input
55000-325 (d),	P	**,***,****	45681-220, -232, 45681-251, 45681-200, -251, 45681-255, -256, -257, -258	24 VDC
55000-326 (d),	P	**,***,****	45681-220, -232, 45681-251, 45681-200, -251, 45681-255, -256, -257, -258	24 VDC
55000-327 (d)	P	**,***,****	45681-220, -232, 45681-251, 45681-200, -251, 45681-255, -256, -257, -258	24 VDC
55000-650	P	*	45681-210, 45681-225, 45681-234, 45681-250, 45681-242 and Isolating base Model 45681-321, -284	24 VDC
55000-886 (h)	P	*	45681-210, 45681-225, 45681-234, 45681-250, 45681-242 and Isolating base Model 45681-321, -284	24 VDC
58000-650	P	***	45681-210, 45681-225, 45681-234, 45681-250, 45681-242 and Isolating base Model 45681-321, -284	24 VDC
58000-750 (hc)	P	***	45681-210, 45681-225, 45681-234, 45681-250, 45681-242 and Isolating base Model 45681-321, -284	24 VDC

Model	Operating Voltage, V dc	Operating Voltage, Range, V dc	Average Operating Current, mA	Power On Inrush Current, mA	Alarm Latch Holding Current, mA	Alarm Current, mA
55000-325(d),	24 VDC	9-33VDC	16uA at 9V 28uA at 24V	0	17mA at 9V 52mA at 24V	17mA at 9V 52mA at 24V
55000-326(d),	24 VDC	9-33VDC	21uA at 9V 45uA at 24V	0	17mA at 9V 52mA at 24V	17mA at 9V 52mA at 24V
55000-327(d)	24 VDC	9-33VDC	21uA at 9V 45uA at 24V	0	17mA at 9V 52mA at 24V	17mA at 9V 52mA at 24V
55000-650	24 VDC	17-28 VDC	340uA	1	4.5mA	4.5mA
55000-886(h)	24 VDC	17-28 VDC	500uA	1	3.5mA	3.5mA
58000-650	24 VDC	17-28 VDC	500uA	1	3.5mA	3.5mA
58000-750(hc)	24 VDC	17-28 VDC	500uA	1	3.5mA	3.5mA

Base Model No.	Related Detector	Control Unit Compatibility Restriction
45681-200, -251	55000-138, 55000-139, 55000-140, 55000-141, 55000-142, 55000-143, 55000-144, 55000-145, 55000-146, 55000-150, 55000-151, 55000-152, 55000-153, 55000-250, 55000-251, 55000-325, 55000-326, 55000-327, 55000-350, 55000-351, 55000-380, 55000-581	***,****
45681-220, -232, 45681- 251	55000-138, 55000-139, 55000-140, 55000-141, 55000-142, 55000-143, 55000-144, 55000-145, 55000-146, 55000-150, 55000-151, 55000-152, 55000-153, 55000-250, 55000-251, 55000-325, 55000-326, 55000-327, 55000-350, 55000-351, 55000-380	***,****
45681-227, -230, -231, -252	55000-150, 55000-151, 55000-152, 55000-153, 55000-250, 55000-251, 55000-350, 55000-351, 55000-380	***,****
45681-210, -225, -234, -321, -284	55000-450, 55000-550, 55000-650, 55000-886, 58000-450, 58000-550, 58000-650, 58000-750	***,****
45681-242, -250	55000-450, 55000-650, 55000-886, 58000-450, 58000-650, 58000-750	***,****
45681-255, -256, -257, -258	55000-138, 55000-139, 55000-140, 55000-141, 55000-142, 55000-143, 55000-144, 55000-145, 55000-146, 55000-325, 55000-326, 55000-327	***,****

Codes:

P - Photoelectric, I - Ionization, OAP - Open Area Protection, D(ST) - Duct Detector Sampling Tube, D(I) - Duct Detector - Installation inside duct.

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

**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 units.

***For connection to ULC Listed control units, TBD

****For connection to Listed control units, TBD 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.

+ -Not affected by air velocity.

OAP — Open Area Protection, P — Photoelectric, I — Ion, PB - Projected Beam.

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

b)-Suitable for use in ambient temperatures of 10-55 C (16-131 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).

(h)-Employs auxiliary rate-of-rise heat sensor.

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

(1)-This base is also suitable for connection to any manufacturer's Listed compatible control unit in a four wire configuration, as indicated on the installation drawing of control unit and/or detector/base.

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