



UROX.S2829 Smoke-automatic Fire Detectors

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Smoke-automatic Fire Detectors

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AIR PRODUCTS AND CONTROLS INC

S2829

1749 HIGHWOOD E

PONTIAC, MI 48340 USA

Detector	Application	Type	Compatibility Restrictions	Velocity Range (fpm)	
				Min	Max
HS-100-N (c)	D(ST)	I	D2	0	3000
HS-100-P (d)	D(ST)	P	D2	0	3000
MS-024-N, RW-024-N, RW-2W-N, RW-DC-N					
	D(ST)	I	D2	500	3000
MS-024-P, RW-024-P, RW-2W-P, RW-DC-P					
	D(ST)	P	D2	500	3000
MS-UNI-N, RW-UNI-N, RW-500-N (b), RW-230/24-N, 2650-560 (c)					
	D(ST)	I	None	500	3000
MS-UNI-P, RW-UNI-P, RW-500-P, RW-230/24-P, 2650-561					
	D(ST)	P	None	500	3000
RW-AA-N	D(ST)	I	D2	500	4000
RW-AA-P	D(ST)	P	D2	500	4000
RW-AR-N, RW-ARL-N	D(ST)	I	D2	500	4000
RW-AR-P, RW-ARL-P	D(ST)	P	D2	500	4000
RWH-N, RWL-N, RWX-N, RWF-N, RWJ-N (c)					
	D(ST)	I	None	500	4000
RWH-P, RWL-P, RWX-P, RWF-P, RWJ-P	D(ST)	P	None	500	4000
SL-2000-N (c)	D(ST)	I	None	300 (100)	4000 (2000)
SL-2000-P (d)	D(ST)	P	None	1000 (100)	4000 (4000)
SL-D2W-N (c)	D(ST)	I	D2	300 (100)	4000 (2000)
SL-D2W-P (d)	D(ST)	P	D2	1000 (100)	4000 (4000)

SL-DA4R-N	D(ST)	I	D2	300 (100)	4000 (2000)
SL-DA4R-P	D(ST)	P	D2	1000 (100)	4000 (4000)
SL-DAA-N (e)	D(ST)	I	D2	300 (100)	4000 (2000)
SL-DAA-P (d)	D(ST)	P	D2	1000 (100)	4000 (4000)
SM-501-N (c)	D(ST)	I	None	500	4000
SM-501-P (d)	D(ST)	P	None	500	4000

Detector	Application	Type	Compatibility Restrictions	Velocity Range (fpm)		Pressure Differential Between Sampling Tube	
				Min	Max	Min	Max
ISN-550-DIR	D(ST)	I	D2	1000	4000	0.08	1
ISN-550-DPR	D(ST)	P	D2	300	4000	0.08	1
ISN-550DIR	D(ST)	I	D2	1000	4000	0.08	1
ISN-550DPR	D(ST)	P	D2	300	4000	0.08	1
RT-3000-N (f)(h)(i)	D(ST)	I	None	500 (100)	4000 (4000)	0.01	1.8
RT-3000-P (g)(h)(i)	D(ST)	P	None	500 (100)	4000 (4000)	0.01	1.8

Base Model	Related Detector	Control Unit Compatibility Restrictions
MB-RLY-XP95	see manufacturer's instructions	B2, B3
MB-RLYT-AA	see manufacturer's instructions	B2, B3, #1
MB-RLYT-CV	see manufacturer's instructions	B2, B3, #1
MB-SDR-S60 (a)	see manufacturer's instructions	B2, B3
MB-SDR-XP95 (a)	see manufacturer's instructions	B2, B3
MB-SDRT-AA (a)	see manufacturer's instructions	B2, B3
MB-SDRT-CV (a)	see manufacturer's instructions	B2, B3

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.

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.

#1 - Open-area Protection with Releasing Service (OAP/RS): Incorporates supplementary switching contacts for additional connection to releasing devices.

D(ST) - Duct Detector - Sampling Tubes

I - Ionization

P - Photoelectric

Values in parenthesis under the air velocities indicate use of an air deflector.

(a) - Includes integral audible signal.

- (b) - 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).
- (e) - Suitable for use in ambient temperatures of 0-66 C (32-150 F).
- (f) - Suitable for use in ambient temperatures of -20 to 70 C (-4 to 158 F).
- (g) - Suitable for use in ambient temperatures of -20 to 60 C (-4 to 140 F).
- (h) - Employs a Type 4X rated enclosure.
- (i) - Suitable for use in indoor and outdoor installations.

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