



UROX.S6616 Smoke-automatic Fire Detectors

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Smoke-automatic Fire Detectors

See General Information for Smoke-automatic Fire Detectors

EDWARDS, A DIV OF UTC FIRE & SECURITY AMERICAS CORPORATION, INC.

S6616

8985 TOWN CENTER PKY
BRADENTON, FL 34202 USA

Detector Model	Application	Type	Compatibility	Velocity Range (fpm)	
			Restrictions	Min	Max
107	D(I)	P	None	0	4000
109	OAP	P/I	None	0	300
1220*(i)	OAP, RS	I	D1	0	300
1220*-001, AI9852*-2(g), AI9861*-1(g)					
	OAP, RS	I	None	0	300
1230*(j), 1232*(k), AI9853*-1, AI9853*-3					
	OAP	P/I	D7	0	300
1234*, 6266*-001, P-847570-0706, P-847570-0707, 73594-001, P-847570-0962, 2430, 6269*, 73575*, 6270*, 73595*, 2432B, 73576*, 73596*					
	OAP	P	D1	0	4000
1235*, AI9863*, 6260*-100, 73401*	D(ST)	P	None	400	4000
1251F	OAP, D(I)	I	D1	0	1500
1251FB	OAP	I	D1	0	1200
2251F, 2251FB, 2251TFB	OAP, D(I)	P	D1	0	4000
2251TF	OAP, D(I)	P(IHD)	D1	0	4000
2420, 6249*, 7349*	OAP, RS	I	None	0	300
2435P, 6265*-001, 6265*-002, 73401*	D(ST)	I	None	400	4000
2551F	OAP, D(I)	P	D1, *1	0	3000
6181*-135	OAP	P	D1	0	3000
6189*, 6189*-135, AI-9854-1(n), AI-9854-3(p), 9854-1, 9854-3					
	OAP	P	D1	0	300
6192*, 6192*-135	OAP, RS	P	D1	0	300
6250*, 73495-001	OAP	I	D1	0	300
6250*-100, 6250*-200, 6264*-100, 6264*-200					
	OAP	I	*1	0	300
6260A-CU	D(ST)	P	D2	300	4000
6264*-001, 73405*-001	OAP, D(ST)	I	None	0	4000
6269*-001, 6269*-003, 6270*-001, 6270*-003					

	OAP	P(IHD)	D1	0	4000
6270*-100, 6270*-200, 6266*-200	OAP	P	*1	0	4000
6360-1, 6360-2, 6360-4	D(ST)	I	None	300	3500
6381*, 6381*-135	OAP, RS	P	D1, *1	0	300
6391*, 6391*-135, 6392*, 6392*-135, 1230*-001, 1232*-001, AI9854-2(o), AI9854-4(q), 9854-2, 9854-4, AI9853-2(r), AI98583-4(s)					
	OAP, RS	P	None	0	300
73470U	OAP	I	D2	0	300
771-KIT	OAP	PB	None		
9850-1(b), AI9850-1	OAP	I	D1	0	300
9851-1(c), AI9851-1, 6249*-1, 6249*-2					
	OAP, RS	I	None	0	300
AI9860-1(f), 9850-4, AI9850-4(h)	OAP	I	D1	0	300
BC-50R, BC-100R, FIRERAY2000EST	OAP	PB	None		
EC-5000R	OAP	PB	None		
EC-50R, EC-100R, FIRERAY2000EST	OAP	PB	None		
EC10U-3	OAP	I	D2, *1	0	300
EC30DU-3(x)	OAP	P	D1	0	300
EC30U-3, Z610U	OAP	P	D1	0	300
P-847570-0335, P-847570-0445, P-847570-1044(u), 1220*(Detector)					
	OAP, RS	I	D7	0	300
P-847570-0374	OAP, RS	I	D7	0	300
P-847570-0705, P-847570-0961	OAP, RS	I	None	0	300
SIGA-DH (w/SIGA-IPHS), SIGA-DH (w/SIGA-IPHSB)					
	D(ST)	P/I	D1	300	1000
SIGA-DH (w/SIGA-PHS)	D(ST)	P	D1	300	4000
SIGA-DH (w/SIGA-PS)	D(ST)	P	D1	300	4000
SIGA-DMP (w/SIGA-IPHS), SIGA-DMP (w/SIGA-IPHSB)					
	D(I)	P/I	D1	0	500
SIGA-DMP (w/SIGA-PHS)	D(I)	P	D1	0	5000
SIGA-DMP (w/SIGA-PS)	D(I)	P	D1	0	5000
V-PHS, FX-PHD, E-PHD	OAP	P(IHD)	D1	0	300
V-PS, FX-PD, E-PD	OAP	P	D1	0	300

Detector			Compatibility	Velocity Range (fpm)		Pressure Differential Between Sampling Tube	
	Model	Application		Type	Restrictions	Min	Max
DH500 (with 2551F head)	D(ST)	P	D1	300	4000	0.05	1
DH200F(a)	D(ST)	P	D2	500	4000	0.03	1.4
DH200PLF	D(ST)	P	D2	100	4000	0.03	1.4
DH200RPF(a)	D(ST)	P	*1	500	4000	0.03	1.4
DH200RPLF	D(ST)	P	D2	100	4000	0.03	1.4
DH200PLF (y)(d), TSD-SJG (d)	D(ST)	P	D2	100	4000	0.005	1
E-PDD(e), FX-PDD(e)	D(ST)	P	D2	100	4000	0.005	1

ESD-2W(e)	D(ST)	P	D2	100	4000	0.005	1
ESD-4WJ(d)	D(ST)	P	*6	100	4000	0.005	1
ESD-SJ(d)	D(ST)	P	*3	100	4000	0.005	1
ESD-ST(d)	D(ST)	P	*6	100	4000	0.005	1
GSA-SD(e)	D(ST)	P	D2	100	4000	0.005	1
SD-2W(e)	D(ST)	P	D2	100	4000	0.005	1
SD-4WJ(d)	D(ST)	P	*5	100	4000	0.005	1
SD-SJ(d)	D(ST)	P	*4	100	4000	0.005	1
SD-ST(d)	D(ST)	P	*5	100	4000	0.005	1
SIGA-SD(e)	D(ST)	P	D2	100	4000	0.005	1
TSD-4WJ(d), TSD-4WJ24(d)	D(ST)	P	*2	100	4000	0.005	1
TSD-SJ(d), TSD-SJCO2(d)(y), TSD-SJG(d)							
	D(ST)	P	*2	100	4000	0.005	1
TSD-ST(d), TSD-STCO2(d)(y)	D(ST)	P	*2	100	4000	0.005	1
XLS-SD(e)	D(ST)	P	D2	100	4000	0.005	1

Base Model	Related Detector	Control Unit Compatibility Restrictions
6251A-200	6264B-200, 6266B-200	#1
1220*(Base), P-847674-0052, P-847674-0123		
	1220*(Detector), P-847570-0443	B1
1230*(Base), P-847674-0050	1230*(Detector)	B1
1232*(Base), P-847674-0051	1232*(Detector)	B1
5963*, 5964*	6250*, 6270*, 6270*-003	B1
6249*-001, 6251*-001, 6251*-001A, 6251*-003, 73486*, 73487*		
	6250*, 6270*, 6270*-001, 6270*-003	B1
6251*-002	6270*, 6270*-001	None
6251*-100, 6251*-R100	6250*-100, 6250*-200, 6264*-100, 6264*-200, 6266*-200, 6270*-100, 6270*-200	#1
6294*-100	2420, 2430, 2432B, 6249*, 6269*, 6269*-003, 6250*, 6270*, 6270*-003	B1
6294*-R100	2420, 2430, 2432B, 6249*, 6269*, 6269*-003, 6250*, 6270*, 6270*-003	B1
B210LPF	2251FB, 2251TFB, 1251FB, 5251FB	B1
B4U, B4U-LP	E-PD, FX-PD, E-PHD, FX-PHD, E-HD, FX-HD, V-HFD, V-HRD, V-PS, V-PHS, R-LED	B1
B501BF, B501F, B210LPF	2551F	B1
CS-SIGA-AB4(w), SIGA-AB4G(w), SIGA-SB(m), SIGA-SB4(m)(v), SIGA-RB(m), SIGA-RB4(m)(v), SIGA-IB(m), SIGA-IB4(m)(v), SIGA-AB4(w)		
	SIGA-IPHS, SIGA-IPHSB, SIGA-IS, SIGA-PHS, SIGA-PS	B1
CSBU-1, CRB4U-1, CSB4U-1, CSBU-3	EC30U-3, EC10U-3, Z610U	B2
IB4U, RB4U	E-PD, FX-PD, E-PHD, FX-PHD, E-HD, FX-HD, V-HFD, V-HRD, V-PS, V-PHS	B1
P-847674-0024	P-847570-0335	None

P-847674-0034	P-847570-0374	None
P-847674-0035	P-847570-0374	B1
P-847674-0042	P-847570-0435	B1
P-847674-0043	P-847570-0435	None
P-847674-0044	P-847570-0436	B1
P-847674-0045	P-847570-0449	None
P-847674-0046	P-847570-0436	None
P-847674-0047	P-847570-0450	None
P-847674-0054	P-847570-0335	B1
P-847674-0089	P-847570-1044	B1
P-847676-0022	P-847570-0335	B1
RB4U, B4U, IB4U, SB4U	V-PHS, FX-PHD, E-PHD, V-PS, FX-PD, E-PD	B1
SB4U (w)	E-PD, FX-PD, E-PHD, FX-PHD, E-HD, FX-HD, V-HFD, V-HRD, V-PS, V-PHS	B1

B1 - Listing limited to specific system control unit. Information on compatible control unit indicated on installation drawing of control unit and/or detector.

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.

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.

D7 - The detector head is used with a separable base where the base determines function and connection.

#1 - Analog detectors. For use with ESA 2000 control panel.

*1 - Analog detectors. For use with ESA 2000 control panel.

*2 - Listing limited to use with model TSD CJ or TSD CJ24 duct detector subassembly.

*3 - Listing limited to use with model ESD SJ duct detector subassembly.

*4 - Listing limited to use with model SD SJ duct detector subassembly.

*5 - Listing limited to use with model SD CJ duct detector subassembly.

*6 - Listing limited to use with model ESD CJ duct detector subassembly

D(I) - Duct Detector - Installation Inside Duct

P - Photoelectric

OAP - Open Area Protection

P/I - Combination Photoelectric and Ionization

RS - Releasing Service

I - Ionization

D(ST) - Duct Detector - Sampling Tubes

IHD - Includes Integral Heat Detector

PB - Projected Beam

(a) - Suitable for use in ambient temperatures of 0-55 C (23-131F).

(b) - Consists of P-847570-0335 detector head and P-847676-0022 base.

(c) - Consists of P-847570-0335 detector head and P-847676-0024 base.

(d) - Suitable for use in ambient temperature of -20 to 70 C (-4 to 158 F).

(e) - Suitable for use in ambient temperatures of -29 to 70 C.

(f) - Consists of P-847570-0443 detector head and P-847674-0035 base.

(g) - Consists of P-847570-0443 detector head and P-847674-0053 base.

(h) - Consists of P-847570-0335 detector head and P-847675-0054 base.

- (i) - Consists of 1220* detector head and 1220* base.
 - (j) - Consists of 1230* detector head and 1230* base.
 - (k) - Consists of 1232* detector head and 1232* base.
 - (m) - Listed for extended ambients of 0 thru 49 degrees C.
 - (n) - Consists of P-847570-0435 detector head and P-847674-0042 base.
 - (o) - Consists of P-847570-0435 detector head and P-847674-0043 base.
 - (p) - Consists of P-847570-0436 detector head and P-847674-0044 base.
 - (q) - Consists of P-847570-0436 detector head and P-847674-0046 base.
 - (r) - Consists of P-847570-0449 detector head and P-847674-0045 base.
 - (s) - Consists of P-847570-0450 detector head and P-847674-0047 base.
 - (u) - Consists of P-847570-1044 detector head and P-847674-0089 base.
 - (v) - May employ GSA-TS or GSA-TSB trim skirts.
 - (w) - Includes integral audible signal.
 - (x) - For use with 6260A-CU duct detector assembly.
 - (y) - Includes a CO2 sensing module, P/N TSD-CO2, which was not performance evaluated and therefore is not a Listed feature. Application of the CO2 sensor within a Listed Fire Alarm Control Panel or any other Listed life safety system requires end product evaluation.
- * - Represents A-Z incl. except for C. May be used as a marketing technique.

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