

UROX.S24776 - Smoke Detectors for Fire Alarm Systems

Smoke Detectors for Fire Alarm Systems

POTTER ELECTRIC SIGNAL CO L L C

1609 PARK 370 PL

HAZELWOOD, MO 63042-4417 United States

S24776

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	Time of Manufacture	Firmware Version
				Min	Max			
Model	Application	Type	Restrictions	Min	Max	Manufacture	Firmware Version	Update
PAD200-DD	D	P	D1, *2, *3, *4	0	300	2021/04/01	316-0876-040401	-
PAD200-DUCT, PAD200-DUCTR	D(ST)	P	*2	100	4000	-	-	-
PAD200-PCD	OAP	P	D1, *2, *4, *6	0	300	2022-01-01	316-0874-040601	-
PAD200-PCHD	OAP	P	D1, *2, *5, *6	0	300	2022-01-01	316-0883-040601	-
PAD200-PD	OAP	P	D1, *2, *4	0	300	2021/04/01	316-0876-040401	-
PAD200-PHD	OAP	P	D1, *2, *5	0	300	2021/04/01	316-0875-040401	-
PAD300-DD	D(I)	P	D2, D7, *4	300	3000	2021-01-01	V1.0	V1.0
PAD300-PCD	OAP	P	D1, D7	-	-	-	-	-
PAD300-PCD-I	OAP	P	D1, D7	-	-	-	-	-
PAD300-PD (a)	OAP	P	D1, D7	0	300	20210101	1.0	1.0
PAD300-PD-I (a)	OAP	P	D1, D7	0	300	20210101	1.0	1.0
PAD300-PHD (c) (e)	OAP	P	D1, D7	0	300	20210101	1.0	1.0
PAD300-PHD-I (c) (e)	OAP	P	D1, D7	0	300	20210101	1.0	1.0

Base Model	Related Detector	Control Unit Compatibility Restrictions
PAD100-4DB	PAD100-PD, PAD100-PHD, PAD200-PCD, PAD200-PCHD, PAD200-PD, PAD200-PHD	#2
PAD100-6DB	PAD100-PD, PAD100-PHD, PAD200-PCD, PAD200-PCHD, PAD200-PD, PAD200-PHD	#2
PAD100-IB	PAD100-PHD (c) (e) (f), PAD100-PD (a) (f), PAD200-PCD, PAD200-PCHD, PAD200-PHD, PAD200-PD	#2
PAD100-LFSB (a) (d)	PAD100-PD, PAD100-PHD, PAD200-PCD, PAD200-PCHD, PAD200-PD, PAD200-PHD	#2
PAD100-RB	PAD100-PD, PAD100-PHD, PAD200-PCD, PAD200-PCHD, PAD200-PD, PAD200-PHD	#2
PAD100-SB (d)	PAD100-PD, PAD100-PHD, PAD200-PCD, PAD200-PCHD, PAD200-PD, PAD200-PHD	#2
PAD300-4DB-I (a)	PAD300-PD (a), PAD300-PD-I (a), PAD300-PHD (c) (e), PAD300-PHD-I (c) (e)	B2, B3
PAD300-6DB (a)	PAD300-PD, PAD300-PD-I, PAD300-PHD, PAD300-PHD-I	B2, B3
PAD300-6DB-I (a)	PAD300-PHD, PAD300-PD, PAD300-PHD-I, PAD300-PD-I	B2, B3
PAD300-IB (a) (e), PAD300-RB (a) (e)	PAD300-PD (a), PAD300-PHD (c) (e), PAD300-PCD	B2, B3
PAD300-SB (c) (d) (e)	-	B1, B3

Investigated to UL 268 (previous editions)

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

Model(s) PAD300-4DB

Detector				Velocity Range (fpm)		date of	Time of Manufacture	Firmware Version
Model	Application	Type	Restrictions	Min	Max	Manufacture	Firmware Version	Update
PAD100-DUCT	D(ST)	P	*2	100	4000	-	-	-
PAD100-DUCTR	D(ST)	P	*2	100	4000	-	-	-
PAD100-PD (a) (f)	OAP	P	D1, *2	0	300	-	-	-
PAD100-PHD (c) (e) (f)	OAP	P(IHD)	D1, *2	0	300	-	-	-

Detector	Compatibility	Velocity Range (fpm)	Pressure Differential Between Sampling Tube	date of	Time of Manufacture	Firmware Version				
							Model	Application	Type	Restrictions
PAD300- DUCT	D(ST)	P	D1, D2, D5, *2, *4	300	4000	0.01	1.2	-	-	-
PAD300- DUCTR	D(ST)	P	D1, D2, D4, D5, *2, *4	300	4000	0.01	1.2	-	-	-

Base Model	Related Detector	Control Unit Compatibility Restrictions
PAD300-LFSB (c) (d) (e)	-	B1, B3

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.

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.

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

#2 - 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 and/or control unit

*2 - 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 and/or control unit.

*3 - For use only as a duct detector head when used with the Model PAD200-DUCT and PAD200-DUCTR

*4 - May be installed up to a temperature of 49 degrees Celsius

*5 - Heat Detector is Complimentary Listed to UL 521 (UQGS)

*6 - CO Detector is Complimentary Listed to UL 2075 (FTAM)

D - Duct Detector

P - Photoelectric

D(ST) - Duct Detector - Sampling Tubes

OAP - Open Area Protection

D(I) - Duct Detector - Installation Inside Duct

IHD - Includes Integral Heat Detector

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 0-49°C (32-120°F).
- c - Suitable for use in ambient temperatures of 0-46°C (32-115°F).
- d - Complimentary Listed (ULSZ) as an Audible Signal Appliances
- e - Complimentary Listed (UQGS) as a Heat-Automatic Fire Detector
- f - For use with Model PAD100-IB Addressable Isolator Base (UOXX.S24776)

Trademark and/or Tradename:   

并不是所有出现在本数据库中的公司名称和产品都满足了UL 跟踪检验服务的要求。只有带有 UL 标志的产品，才应该被视为经过 UL 认证，并满足UL 跟踪检验服务的要求。注意查看产品上的标志。

UL 允许在线认证目录中所含材料的复制遵循以下条件：1.指南信息、装配、构造、设计、系统和/或认证（文件）必须在不篡改任何数据（或图纸）的情况下完整且无误导性地呈现。2.“经 UL 允许从在线认证目录转载”声明必须出现在所摘取材料的邻近位置。此外，转载材料必须包含以下格式的版权声明： "©2023 UL LLC."