AUTOMATIC Oi

X2200G, X5200G, X9800

NF-SSI Certified Flame Detectors

The information provided in this addendum describes the requirements met by the X2200G, X5200G, and X9800 Flame Detectors for conformity to NF EN 54-10 (see Table 1). For complete information regarding performance, installation, operation, maintenance, and specifications, refer to the appropriate manual listed below:

X2200G   95-8549
X5200G   95-8546
X9800   95-8554

Table 1—Flame Detector Settings and Corresponding Classification

The flame detectors are EN 54-10 approved for any combination of the following settings described for each Class for each model.

Model	Setting	Class 1 (25 m)	Class 2 (17 m)	Class 3 (12 m)
X2200G	UV Sensitivity	High or Very High	Medium, High, or Very High	Low, Medium, High, or Very High
	UV-Signal Processing Arc Rejection*	Low, Medium, High, or Very High	Low, Medium, High, or Very High	Low, Medium, High, or Very High
X9800	IR Sensitivity	High or Very High	Medium, High, or Very High	Low, Medium, High, or Very High
	Quick Fire**	On or Off	On or Off	On or Off
	TDSA**	On	On	On
X5200G	UV Sensitivity	High or Very High	Medium, High, or Very High	Low, Medium, High, or Very High
	UV-Signal Processing Arc Rejection*	Low, Medium, High, or Very High	Low, Medium, High, or Very High	Low, Medium, High, or Very High
	IR Sensitivity	High or Very High	Medium, High, or Very High	Low, Medium, High, or Very High
	Quick Fire**	On or Off	On or Off	On or Off
	TDSA**	On	On	On

* See the X2200G and X5200G instruction manuals for details.
** See the X5200G and X9800 instruction manuals for details.

SPECIFICATIONS

CONE OF VISION—
The installation of the flame detectors meet the directional dependence requirements of EN 54-10, Clause 5.4 for any ß angle when the α angle does not exceed ±30° (total field of view = 60°).

A maximum achievable horizontal α angle of ± 45° (total Horizontal field of view = 90°) was obtainable with a ß angle of 0° (unit mounted in the upright position).

NOTE
Detectors may have wider coverage depending on the Field of View (FOV). See Appendix A in each corresponding instruction manual for further details.

CERTIFICATIONS—

NF Identification No: LIR 011 A0 (X9800), LIR 010 A1 (X5200G), LUV 002 A1 (X2200G).

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CE
2831

Det-Tronics, Minneapolis, MN 55438, USA

2831-CPR-F1686:2016; DoP No. 2013–DEC1208 (X2200G UV)
2831-CPR-F1178:2015; DoP No. 2013–DEC1208 (X5200G UVIR)
2831-CPR-F1688:2016; DoP No. 2013–DEC1208 (X9800 IR)

EN 54-10
Flame Detectors - Point Detectors
X2200G UV, X5200G UVIR, X9800 IR
Technical data: see Doc. 95-6549 (X2200G), 95-6546 (X5200G), 95-6554 (X9800) held by manufacturer.

ORDERING INFORMATION

When ordering, please specify:

X2200G UV Flame Detector
X5200G UVIR Flame Detector
X9800 IR Flame Detector
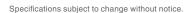
Refer to the X2200G, X5200G, X9800 Model Matrix for details.

X5200G, X9800, X2200G MODEL MATRIX

MODEL	DESCRIPTION						
X2200G	UV Flame Detector with Kr85 Free Source Tube						
X5200G	UVIR Flame Detector with Kr85 Free Source Tube						
X9800	Single Frequency IR Flame Detector						
	TYPE	**MATERIAL**					
	A	Aluminum					
		TYPE	**THREAD TYPE**				
		4M	4 Port, Metric M25				
		4N	4 Port, 3/4" NPT				
			TYPE	**OUTPUTS**			
			11	Relay			
			13	Relay and 0-20 mA			
			23	HART, Relay and 0-20 mA			
				TYPE	**APPROVALS***		
				E	ATEX/IECEx		
				W	FM/CSA/ATEX/IECEx		
				T	SIL/FM/CSA/ATEX/IECEx		
				S	SIL		
					TYPE	**CLASSIFICATION**	
					1	Division/Zone Ex d e	
					2	Division/Zone Ex d	

* Type Approvals can use one or more letters to designate the approvals of the product.

DET-TRONICS

95-8699