CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING & INVESTIGATIONS DIVISION
BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No.:	7166-1218:0116
CATEGORY:	7166 - CONTROL UNIT-HAZARDOUS LOCATION FIRE DETECTION
LISTEE:	Detector Electronics 6901 W 110th Street, Minneapolis, MN, 55438 Contact: Lierman, Laurel (952) 829-8705 (952) 944-1714 Email: laurel.lierman@det-tronics.com
DESIGN:	Model Eagle Quantum Premier fire and gas detection/releasing system. For automatic releases of extinguishing systems and other fire protection equipment, local protective signaling, automatic release of preaction and deluge sprinkler systems, control panels, combustible toxic gas detectors - fixed, low concentration gas detectors, and for use in hazardous locations. Refer to listee's data sheet for detailed product description and operational considerations. System components: EQ3XXX Controller Serial Interface Board Ethernet Interface Board EQ3800 Power Distribution Module (PDM) EQ2220GFM Ground Fault Monitor EQ3LTM LON Termination Module (LTM) EQ2230RSP RS485 EMI Filter X3301(or 2)xxx14xx Multi IR Flame Detector, LON Output X3301(or 2) IR Flame Detector, LON Output with X7050 xWatch Camera X5200, X9800, X2200 Flame Detectors, LON Output X5200, X9800, X2200 Flame Detectors, LON Output with X7050 xWatch Camera EQ22xxUVHT with C7050 EQ3700DCIO 8 channel Discrete Input/Output Module EQ3710AIM Analog Input Module EQ3720RM 8 channel Relay Module EQ3730EDIO Enhanced Discrete Input/Output Module EQ3750ASH Addressable Smoke and Heat Module EQ3760ASM Addressable Smoke and Heat Module HIM HART interface Module

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	EQ2110PS Power Supply
	EQ2130PS Power Supply
	EQ2175PS Power Supply
	EQ2100PSM Power Supply Monitor
	EQP2120PS(-B) Power Supply
	EQP2410PS(-P) DC-DC Voltage Converter
	Det-Tronics P/N 009934-001 (-002) Redundancy Module
	EQ24xxNE Network Extender
	EQ24EMNE
	EQ24xxPLR Physical Layer Repeater
	EQ24EMPLR
	EQ3900G
	EQ3900N
	EQ3900E
	EQ3900RPS Remote Power Supply
	EQ3770EIO Class 1 Division 1 Enclosure with one EQ37xx Module installed
	*PIRECL PointWatch Eclipse Infrared Hydrocarbon Gas Detector
RATING:	24 VDC
INSTALLATION:	In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.
MARKING:	Listee's name, model number, voltage rating and FM label.
APPROVAL:	Listed as a fire and gas detection/releasing system. Refer to listee's Installation Instruction Manual for details.
NOTES:	Formerly: 7165-1218:0116

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*Revised
8/20/2025 GA

This listing is based upon technical data submitted by the applicant. OSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: 08/21/2025　　　　　　　　　　　　　　　　　　　**Listing Expires: 06/30/2026**

Authorized By: **Michael Huang**, Program Coordinator
　　　　　　　　Fire Engineering & Investigations Division