Electrical Signaling

Electrical protective signaling systems are configurations of components used to produce alarm signals indicative of fire, smoke, sprinkler waterflow or other emergency and to produce supervisory signals indicative of conditions needing attention with respect to protection equipment or watch service. System configurations are classified according to where and how the signals are received. The categories are commonly designated as local, municipal, remote station, proprietary, emergency voice/alarm communication, emergency communication, and central station. Auxiliary systems are either local or proprietary systems interconnected with a municipal system.

This category presents the major system component categories and the integrated system configurations. The selection of components to form a hybrid system should be made only by those skilled in system design. Also, the suitability of any system application should be judged on the basis of the hazard(s) being protected.

Alarm Signal Initiating Devices

Alarm signals are initiated either automatically or manually. Automatic detectors respond to changes in characteristic phenomena associated with fire or other emergency conditions.

Fire Detection, Flame-Actuated

Flame-actuated detectors respond to a radiant energy of flame, sparks or glowing embers. Response may be in milliseconds; however, alarm initiation may be time-delayed up to 30 seconds, as indicated.

Models SS4-A; -A-2; -AS; -AS-2; -AUV; -AUV-2 Flame Detectors

Models SS4-A; -A-2; -AS; -AS-2; -AUV; -AUV-2 Flame Detectors.
Models SS4-A; -A-2; -AS; -AS-2; -AUV; -AUV-2 flame detectors. -A and -AS version models are available with stainless steel housing. Suffix -2 on each model is non-latching LED version. SS4-A is multispectrum detector. SS4-AS version has been optimized for special applications. SS4-AUV is an ultraviolet flame detector. These detectors operate from 20.4 to 34 V dc via connection to a compatible FM Approved fire alarm control providing separate circuits for alarm signaling and for power. The firmware version for the Model SS4-A flame detector is Rev. C. The firmware for the -A2, -AS, and -AUV is 2107-9001. The -AS is further defined as parameter setting 2110-0502; and the -AUV is further defined as parameter setting 2110-0503. In addition to relay outputs, rated at 1 Amp at 24 V dc for alarm and fault the Model SS4-A type flame detector can also have an optional module MA420-4 which is a 4-20 mA output current source. The detector enclosure is suitable for NEMA Type 3 and Type 4 and is suitable for indoor and outdoor use rated for use in Class I, Divisions 1, Groups A, B, C and D and for Class II, Divisions 1, Groups E, F and G and Class III hazardous (classified) locations.
SS4 has a t-code of T4 and T135°C for use in ambient temp range from -40°C to +85°C.
SS4 has a t-code of T5 and T135°C for use in ambient temp range from -40°C to +75°C.
SS4 has a t-code of T6 and T135°C for use in ambient temp range from -40°C to +65°C.

Company Name:	Honeywell Analytics
Company Address:	405 Barclay Boulevard, Lincolnshire, Illinois 60069-3609, USA
Company Website:	http://www.honeywell.com
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved