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.

Supervisory Signal Initiating Devices

Supervisory signals indicate non-alarm conditions affecting important parts of a protection system or timed watchman tours. Normal/abnormal functions are monitored by these switches and switch-actuated transmitters.

Sprinkler System Supervision

Examples of sprinkler supervisory functions are control valve position, tank pressure, tank level, tank temperature, air pressure, fire pump power and fire pump operation.

Models PS10-1A, -2A

Pressure Actuated Alarm Switch. Models PS10-1A, -2A. Used for wet and dry pipe sprinkler systems. The PS10A switch has an adjustable operating pressure range of 0-20 psi (0 to 138 kPa) and is factory set to operate when pressure increases to 4-8 psi (28-55 kPa). -1A or -2A suffix indicates number of internal switches. Switch contacts for all models are rated 15 A at 125/250 V ac, 2.5 A at 30 V dc. An optional cover tamper switch, P/N 0090134, is available, contacts rated 5 A at 125 V ac, 2.5 A at 6, 12 or 24 V dc. Suitable for indoor and outdoor use in ambient temperatures from -40° to 140°F (-40° to 60°C). Switch enclosure rated NEMA Type 4 when installed with a NEMA Type 4 conduit hub.

Company Name:	Potter Electric Signal Company
Company Address:	1609 Park 370 Place, Saint Louis, Missouri 63042, USA
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New/Updated Product Listing:	No
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