AS2035-00

RATE OF RISE THERMAL DETECTOR

Product Datasheet

Standard Features

- The AS2035-00 features a slim design which combines visual appeal with a high standard of reliability.
- The design of the AS2035-00 enables the detector to operate in locations where the temperature is likely to increase suddenly should a fire develop.
- The operating characteristics of AS2035-00 is a key feature of the product enabling a very cost effective solution for the use of heat detectors. This detector consumes no current in standby, which enables an unlimited number of detectors to be connected on the same detection wires.
- With connection to the standard Avenger range of conventional bases, the AS2035-00 heat detector can be connected or disconnected very easily, allowing simple interchangeability with other members of the Avenger conventional detectors.

Applications

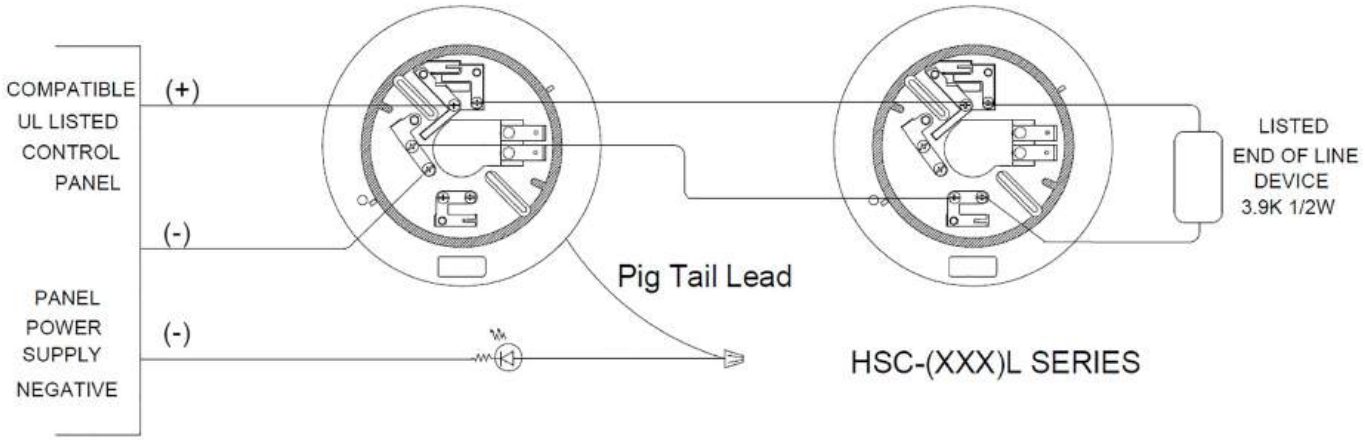
The AS2035-00 rate of rise heat detector is suitable for use in most applications that require heat detection. Please note that special attention should be given to avoid installation in direct line with hot air heaters, above stoves, ovens or other heat generating objects.

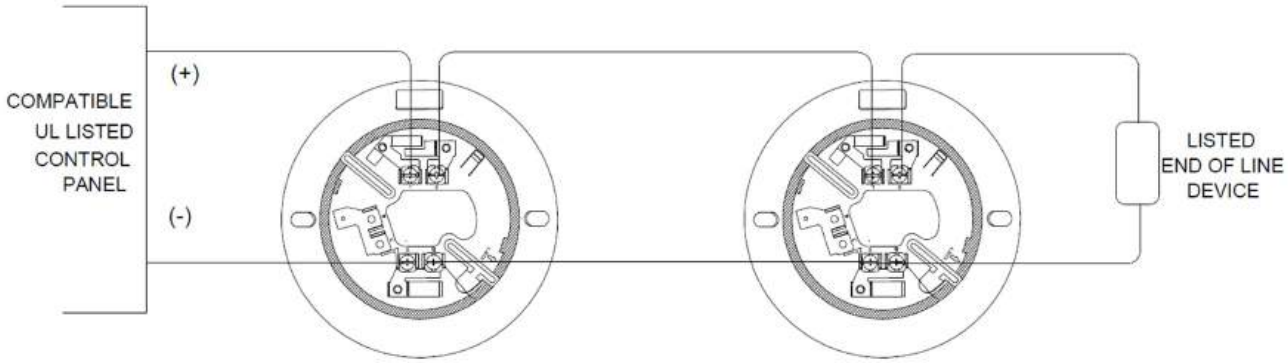
Operation

The AS2035-00 rate of rise heat detectors are composed of an air chamber, vent and a flexible metal diaphragm. When the AS2035-00 is heated, the air in the chamber expands. The vent permits the chamber to breathe and slowly release the expanded air. If a fire occurs, the air in the chamber will expand more rapidly than it can be vented. This causes the diagram to close a set of precious metal contacts (normally open) to trigger the alarm signal.

Specifications

Rated Voltage	24VDC
Working Voltage	15 - 30VDC
Maximum Switching Current	100mA max.
Heat Sensing Element	Air chamber composed with the diaphragm
Operating Temp. Range	-10°C - +50°C (14°F - 122°F)
Storage Temp. Range	-30°C - +70°C (-22°F - 158°F)
Relative Humidity (at 40° C)	95% RH Non-Condensing
Dimensions	3.9" D x 1.3"H
Weight	3 oz.
Color	Bone
Applicable Standard	UL-521
Response Grade	Ordinary





Non polarized, not current limited. No annunciator output.