

Application

Fire detection systems



SCOPE:

This specification sheet is for ionization smoke chamber model HIS-07 (radiation source-0.5microcurie Am-241,2 chambers with a source, made in compliance with UL 217, EN-54-7) for applications to smoke detectors.

Radiation source:

Radioactivity; Nuclide ; americium
241Am. 33.3 KBq. = 0.9 μ Ci (29K~37KBq)

Operational conditions:

Power supply; DC 6.0-18.0V

Operational ambient conditions;

Temperature 0--50°C

Humidity less than 95 (No dew condensation)

Maximum ratings:

Supply voltage; DC 24V

Operation; Temperature -10---60°C

Humidity less than 95%

Storage; Temperature -25—80°C

Humidity less than 95%

Shape, dimensions, weight:

Shape; As per attached drawing

Dimensions; 22.0 × Φ 42mm

Weight; 12g.

Features

- High sensitivity
- Simple Drive Circuit
- Stable and long life

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