

Applications of Pyralis module

Pyralis detector & activator

A patented detection, activation and communication module without the need for an external energy source. Operation and activation is based on thermodynamic energy harvesting technology.

- Material: polycarbonate and aluminum
- Dimensions: 55 x 69 x 42 mm
- Protection class: IP67
- Self-repairing mechanism
- Activation voltage 25 V, 3 A
- Lifespan: 15 years
- Max protected area 20m²
- Maintenance-free



Pyralis' functionality is based on thermodynamic energy harvesting technology and detects the heat rise due to fire in a room, and converting this heat change into electrical energy.

The scope is broad and diverse.

We have therefore divided it into six segments.

1. Locations with storage and/or technical installations where NO power supply is available.
2. Locations where there is no space for a standardized fire detection/extinguishing release panel.
3. Locations where environmental conditions prevent the use of a standard fire detector.
4. Storage of hazardous materials, such as small chemical waste containers at recycling and/or collect centers.
5. Containers for the transport of hazardous materials and/or valuable goods.
6. Cabinets/containers designed for the storage of hazardous materials, including batteries.

