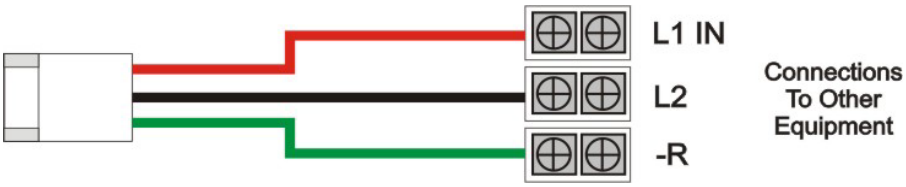
Cig-Arrête Recessed Flame Monitor (Part No CSA-REFUV)

Description

Designed for the covert detection of unauthorised smoking in areas subject to high winds, rapid ventilation, smoke and gas. Typical applications include open areas, building entry/exit points, rooms with high ceilings (>3m <6m), or locations subject to intermittent smoke or vapour.

The module is designed for single applications, and will detect a 25mm cigarette lighter flame at 6 metres within 1 second. When installed a s part of a Cig-Arrête Tobacco Control System, the REFUV can be combined with Smoke Detection Slave units (CSA-RESGA) to provide complete smoke/ flame coverage.

Connection Diagram (lead supplied with product)



Connections when hard-wired to Master Unit CSA-FDV or CSA-GDV

L1 IN connects to terminal L1 IN
L2 connects to terminal L2
-R connects to terminal –R

Sensitivity
Factory set to medium/high.

Sensitivity is adjusted on the back of each detector with DIL switches. There are 7 user sensitivity settings to ensure your product is tailored to the environment

Operation

Operational immediately following initial power-up.

Following alarm, detector LED will pulse for 5 minutes.
Alarm activation is inhibited during this period.

Installation Requirements

The CSA-REFUV is installed into a suspended ceiling tile or other false ceiling by cutting a 110mm / 4 ¼l inch Φ hole in the ceiling tile or lining.

The product provides a flush fit to the ceiling via the springs which exert a force to clamp the product to ceilings of various thickness (1mm—10mm))

The CSA-REFUV may be connected to other Master Units or the SpeechPOD unit (SPK-POD-A) to provide voice messages in alarm.

This provides a system capable of warning smokers in one or more languages that smoking is prohibited. By using SpeechPOD, you can even program your own messages to be played in alarm.

For more details please ask our staff about the above product datasheets.

Suggested Applications

- **Aircraft washrooms**
- **Trains**
- **Buses**
- **Schools**
- **Hospitals**

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