

'Cig-Arrête® Slave Smoke Detector (Part No CSA-SGA)



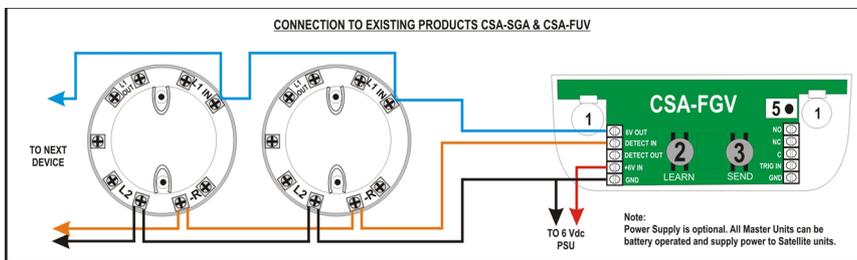
Description

The Cig-Arrête Sensor Unit is the unique element of the whole system. Continually analysing the environment, the sensor checks each sample against an intelligent database held within its electronic circuitry to decide whether an alarm indication should be generated.

Manufactured from brilliant white tough GRP plastic, the aesthetic housing provides a safe environment for the proprietary surface mount electronics.

NB: Product requires either CSA-GOV, CSA-FOV or Controller

Wiring Diagrams



Connections when hard-wired to SD Evolution Master Unit

L1 IN connects to terminal 6V IN
L2 connects to terminal GND
-R connects to terminal DETECT IN

Sensitivity

Factory set to medium/high. Adjustable, using 1.6mm bladed screwdriver. Pierce label on rear of detector, insert screwdriver, then rotate clockwise to increase or anti-clockwise to decrease sensitivity.

Maintenance

Replace internal sensor every 5 years with Part No. CSA-SPD.

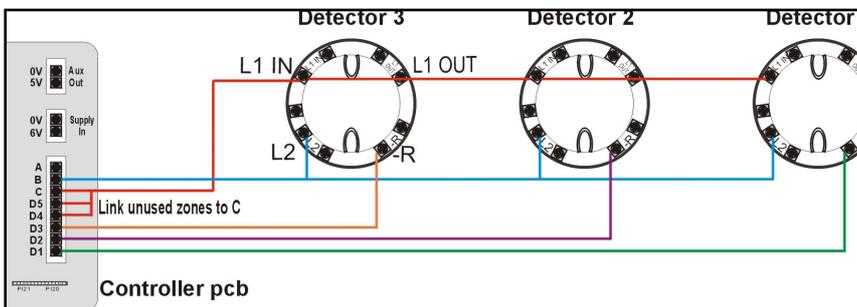
Siting (Areas to avoid)

Hot/cold interfaces
Garages/car parks
Close proximity to kitchen or cooking areas
Nearby gas appliances

Operation

Operational 3 minutes following initial power-up. Detector LED will flash during the power-up phase.

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



Design Requirements

If the toilet or restroom cubicles are full height, then 1 detector will be required for each cubicle as shown in the diagram below. For cubicle heights less than this, it is sufficient to install 1 detector over 2 cubicles, since this will provide sufficient coverage for ceiling heights up to 4m high.

In areas that may be subject to misuse or vandalism, it may be prudent to consider installing Anti-Vandal cages (part no CSA-AVC) or perhaps locking the detectors in the base using Anti-Tamper Screwdriver (CSA-ATS)

It is recommended that you install your Cig-Arrête System using multi-core stranded alarm cable.

For a typical installation of five detectors, a simple 8 core security type cable will be sufficient.



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