

Cig-Arrête Slave Sensor Unit (Part No CSA-SGA/R)



Description

The Cig-Arrête CSA-SGA/R Detector is designed to be installed as part of a fire or security alarm system.

The CSA-SGA/R detector incorporates a new method on sensitivity selection via a 4 way DIP switch situated on the underside of the detector. In addition to allowing the user to select 4 sensitivity settings, switch 3 provides transient suppression to further enhance the stability of the system at high sensitivities.

Switch 4 is an optional extra which provides a 470 Ohm resistor to allow direct connection to a fire or security alarm system ('R' Variant Only)

Switch Settings		1	2	3	4
Sensitivity	High	OFF	OFF		
	Medium High	ON	OFF		
	Normal	OFF	ON		
	Low	ON	ON		
Transient Delay On	On			ON	
	Off			OFF	
470 Ohm Res. (if fitted)	In line				ON
	Off Line				OFF

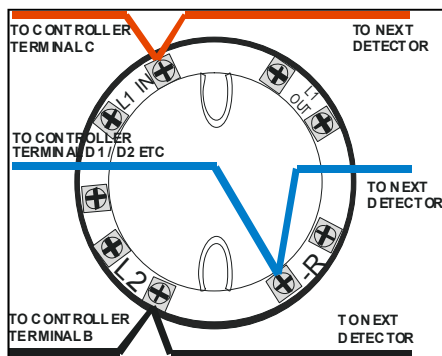
Installation

Connect the detectors as shown in the diagrams below dependant on your particular system. The switch settings are shown in the table across.

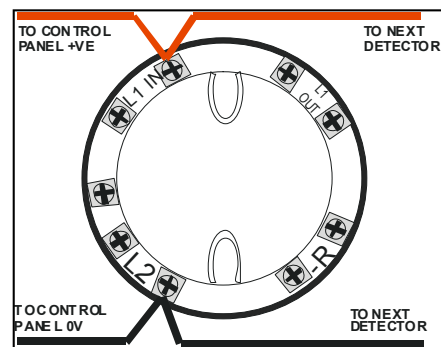
Please ensure that switch 4 is switched on if you are connecting your detector to either a Cig-Arrête 2 wire Alarm Panel or Fire Alarm System. We recommend that you use the factory default sensitivity setting to begin with as this will accommodate the majority of applications. Adjust the sensitivity to high for high ceilings, and to low for small rooms and cubicles.

AFTER POWERING THE SYSTEM PLEASE WAIT UNTIL ALL THE DETECTOR LEDS HAVE STOPPED FLASHING BEFORE TESTING THE SYSTEM WITH CIGARETTE SMOKE.

CONNECTION TO CIG-ARRETE SYSTEM



CONNECTION TO ALARM SYSTEM



CONNECTION TO FIRE / SECURITY SYSTEM

Be sure to fit the end of line device supplied with the control panel at the last detector.

Product Specifications

Voltage	5Vdc—30Vdc (max)
Amps (quiescent)	50µA
Alarm Impedance	470 Ohm