Smoke Alarms

Domestic fires can be ignited from many things from a poorly discarded cigarette, wiring failure, cooking mistake or even an unattended candle.

The comprehensive range of BG smoke detectors is suitable for all residential applications. It is recommended for at least one smoke alarm to be installed on each level of the home and in areas close to the bedroom. A working, functional smoke alarm provides the earliest possible warning of smoke or fire and can double a person's chances of surviving a house fire.

There are both mains powered and battery powered alarms available. The mains powered units have an interlink feature which means that up to 23 BG mains powered smoke alarms can be installed on the same wiring circuit. When interlinked, all alarms sound if a danger is detected.

There are two different types smoke alarm technologies widely used:

Ionisation. These smoke alarms are designed to detect fires associated with fast flaming fires which spread through the home extremely quickly.
Optical. these smoke alarms are designed to detect fires associated with slow, smouldering fires which can create large amounts of thick, toxic smoke.

It is recommended to install both types in a property to cover against both types of fires, enhancing safety.

There are other detectors which are valuable to detect different aspects of safety:

Carbon Monoxide. This lethal, toxic gas is odourless and you will not know that it is there. Since 2013, the Gas Safe register recommends that a CO alarm be fitted with a new or replacement fixed solid fuel appliance is installed. The BG range has both a mains powered unit and a battery unit for increased flexibility on installation location.

Heat Detector. Suitable for areas which are humid or dusty where optical and ionisation alarms are unsuitable due to the increased risk of nuisance alarms. Areas such as kitchens, lofts and garages are suitable for the heat alarm.

All mains powered alarms come with 9V Alkaline battery back up as standard and are guaranteed for 6 years.
The tamper resistant locking device prevents unauthorised removal for added peace of mind.

SDMIA
Ionisation alarm
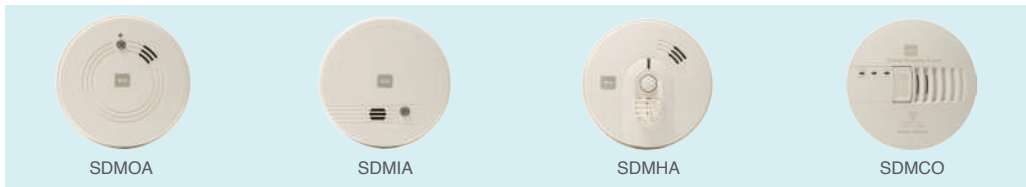
SDMOA
Optical alarm

SDMHA
Heat alarm

SDMCO
Carbon Monoxide
alarm

Cat No.	Description	Alarm Type	Installation Location	Inner Carton	Outer Carton
Mains Powered Smoke Alarms					
SDMOA	230VAC Mains Powered Optical Detector	Slow, Smouldering Fires	Escape or Circulation Routes	1	6
SDMIA	230VAC Mains Powered Ionisation Detector	Fast-Flaming Fires	Living rooms, Bedrooms	1	6
SDMHA	230VAC Mains Powered Heat Alarm	Dusty, Humid environments	Kitchens, Garages	1	6
SDMCO	230VAC Mains Powered Carbon Monoxide Detector	Carbon Monoxide Sources	Boilers, Log Burning Stoves	1	6
SDPA	18mm Deep Mounting Patress	Accessory	With Mains Powered Smoke & Heat	1	6

The SDPA is used for surface installations involving cable entry via trunking or conduit.
- loose fit terminal block for ease of installation
- suitable for use with SDMOA, SDMIA, SDMHA

- Interconnectable. Up to 23 alarms on the same wiring network
- Tamper resistant locking device. Prevents unauthorised removal without use of a tool
- Alarm memory. Identifies source unit within interconnecting network

- Combined Test/ Hush button
- Auto reset after activation
- Battery back up, 9V Alkaline battery as standard
- BSI and CE certified

SDMOA   SDMIA   SDMHA   SDMCO

Battery Powered Smoke Alarms					
SDBCO	Battery powered Carbon Monoxide Detector	Carbon Monoxide Sources	Boilers, Log Burning Stoves	1	6
SDLLSM	Long Life, Sealed-in Lithium Battery Smoke Detector	Smoke	Versatile, around the home	1	6

SDBCO   SDLLSM

- End of life warning after 10 years, alerts you when you need to replace the alarm
- Smoke detector has combined Test / Hush button
- Carbon Monoxide has combined Test / Reset button
- Easy to install
- BSI and CE certified