

Low Voltage Ionisation Smoke Alarm – Ei181



- 12-24V DC Powered
- 9V Alkaline battery back-up
- Ionisation chamber sensor, best for fast flaming fires (e.g. paper clothing)
- Volt free Relay contacts supplied
- **easi-fit** Base
- Advanced suppression and calibration technology
- Interconnect up to 12 alarms
- Built in Test/Hush button
- Piezoelectric horn
- Battery removed indicator Low
- battery audible warning
- Kitemarked to BS EN 14604:2005
- 5 Year Guarantee

FIT IN:



Bedroom

PRODUCT DESCRIPTION

The Ei181 Ionisation Smoke Alarm runs on a 12V to 24V variable DC power, and has a 9V Alkaline battery back-up. The alarm gives a fire warning when adequate smoke enters the alarm.

The alarm is supplied with an **easi-fit** base that allows quick and simple installation of the smoke alarm head. The **easi-fit** base automatically connects both the low voltage power and battery as the alarm slides on.

The alarm has a pair of built-in Volt free relay contacts (i.e. can be used to switch into a burglar panel).

The alarm has other advanced features such as built-in circuitry to aid suppression of voltage transients and RF interference to further reduce the chances of false alarms under such conditions.

TECHNICAL SPECIFICATION

- Sensor Type:** Ionisation
- RA Source:** Americium-241
- Supply Voltage:** 10.5 to 30 V DC
- Battery Back-up:** 9V Alkaline battery
- Relay Contacts:** Volt free, Common/NO/NC
- Horn:** Piezoelectric
- Sound Level:** 85 dB(A) at 3 meters
- Temperature:** Operating - 0°C to 40°C
Storage - 0°C to 35°C (in a dry area)
- Humidity Range:** 0% to 90% Relative Humidity
- Button Test:** Simulates the effect of smoke and checks chamber, electronics and horn
- Self Test:** Smoke chamber and battery is automatically tested every 40 seconds
- Indicator LED's:** **Green** - Power On
Red - Alarm and Fault event
- Plastic material:** HIP UL 94 HB Flame Retardant
- Dimensions:** Product - 145mm x 55mm
- Weight:** 380g (Boxed 396g)
- Fixing:** Screw fixings supplied
- Warranty:** 5 year (limited) warranty
- Approvals:**



Specifications are subject to change

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Battery Producer Registration No. 2544399w