



PRODUCT

1SFW

Ionisation Smoke Alarm with wireless capability

DESCRIPTION



Mains-powered ionisation smoke alarm from the 'Slick' range of fast-fit alarms that can be interconnected with up to 23 other Kidde and Firex mains alarms. Optional wireless capability using Wireless Alarm Base (RF-SFTP) for wire-free interconnection.

KEY FEATURES

- **Unique fast-fit system** with separate base plate, for ease of fitting and maintenance
- **Integral, double-decker screwless terminal block** for fast, push-fit connection
- **Auto reset** after activation with latching LED allowing the initiating alarm to be identified
- **Separate Test and Hush™ buttons** to test and temporarily silence nuisance alarms
- **Alkaline back-up battery** provides continuous operation in the event of mains failure
- **Interconnectable** with other Kidde mains smoke and heat alarms and Kidde mains CO alarms using 'Smart Interconnect' technology
- **Tamper-resistant locking device** – prevents unauthorised removal without the use of a tool
- **Wireless capability** – use with optional Wireless Alarm Base (RF-SFTP) for RF interlink function
- **Deep Base** – allows easier wiring

WHERE TO USE

Ionisation alarms are for use in areas where there is danger from fast-flaming fires. The 'Slick' range requires installation by a professionally qualified electrician and complies with UK Building Regulations for new housing and associated standards (Grade D, BS5839, Part 6).

GENERAL FEATURES

Model	1SFW
Power Supply	9V battery supplied as standard
Temperature Range	0°C to + 40°C
Humidity Range	Up to 93% Relative Humidity (RH) non-condensing
Storage and Transport	-20°C to +60°C and 5–95% relative humidity (RH) non-condensing
Alarm Dimensions	135 x 135 x 60mm (including 'Slick' mounting base)
Alarm Weight	280g
Warranty	6 years
Approvals	BSI certified to BS EN14604:2005
	CE tested and certified



EN14604: 2005
Licence no: KMS24754



0086-CPD-535595

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POWER SOURCE

230V mains

SENSOR TYPE

Ionisation*

TECHNICAL
SPECIFICATION

Note: Specifications are subject to variation by improvement and change

Sensor	Ionisation, metallic chamber with 24-slot entry inlet portals
Source	Americium 241 (<1.0 microcurie, 37kBq)
Button Test	Simulates the effect of smoke within the sensing chamber, checks electronics and sounder
Automatic Self-test	Circuitry is tested every 40 seconds and unit beeps if fault is detected
Supply Voltage	230V AC, 50 Hz (nominal UK voltage)
Power Consumption	Maximum 80mA
Battery Back-up	User-replaceable alkaline 9V battery (MX1604)
Battery Monitoring	Battery is monitored and unit emits a single chirp every 40 seconds if a fault is present
Low Battery Warning	30-day low battery indicator
Power-on Indicator	Continuous green LED
Alarm Sounder	Electronic piezo-electric sounder (T3 pattern sound - three pulses - space - three pulses)
Sound Output	85dB (A) minimum at 3 metres
Alarm Frequency	3.2 kHz typical
Alarm Status	Red LED flashes rapidly, typically once every 2/3 seconds = unit sensing a fire event Red LED double flashes every 30 seconds = unit is triggering unit (press test button to unlatch) Red LED flashes once every ten seconds = in hush condition (auto-reset after 7 minutes) Red LED flashes once every 35 seconds = normal quiescent operation
Interconnection	Up to 24 units (smoke, heat and CO) can be hardwire interconnected using SMART® interconnect system with optional control (see below) Up to 15 units can be wireless interconnected using appropriate Wireless Base RF-SFTP
Optional Controls	Wireless Base Remote Test and Hush Unit (KN-RTH-RF) when used with Wireless Base
Fixing	'Slick' mounting deep base as supplied
Base Cable Connect.	Screwless Terminal Block with slot release feature for conductor

PACKAGED
SPECIFICATION

	BOX
Order Code	1SFW
Pack Dimensions	142 x 142 x 65mm
Pack Weight	320g
UPC Barcode	00-25417-899986
Case Quantity	6
Case Dimensions	155 x 305 x 210mm
Case Weight	2.3kg
ITF Outer Code	n/a



* This product is designed to detect products of combustion using ionisation technology. This product contains 0.9 microcurie of Americium 241, a radioactive material.