KIDDE™

10 YEAR WARRANTY

OPTICAL SMOKE ALARM

MAINS-POWERED | MODEL 2SFW

FROM THE 'SLICK' RANGE OF FAST-FIT ALARMS THAT INTERCONNECT WITH KIDDE AND FIREX MAINS ALARMS

Overview & Key Features

Mains-powered optical smoke alarm from the 'Slick' range of fast-fit alarms that can be interconnected with up to 23 other Kidde and Firex mains alarms.

- 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
- 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
- Deep base allows easier wiring

Technical Specifications

General

Power Supply:	230V mains-powered with replaceable alkaline back-up battery
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:	10 years

Technical

Sensor:	Optical chamber with insect-resistant width slot entry inlet portals
Chamber Size:	41mm outside diameter x 16mm approximate depth (external)
Sensitivity:	Sensitivity complies with BS EN14604:2005
Detection Band:	Infrared light wavelength
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 chrip every 40 seconds if a fault is present
Low Battery Warning:	30-day low battery indicator
Power-on Indicator:	Continuous green LED

Technical (continued)

Alarm Sounder:	Electronic piezo-electric sounder (T3 pattern sounds: 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 flashes once every 10 seconds = unit 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 hardwired interconnected using SMART® interconnect system with optional control (see below)
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 conductors

Weights and Dimensions

Alarm Dimensions:	142 x 65mm
Alarm Weight (without packaging):	349g
Case Quantity:	6 units

Certifications/Approvals

**BSI certified to BS EN14604:2005
CE tested and certified**

Warranty

10-year manufacturer's warranty