2SFWR

Optical Smoke Alarm with wireless capability
Mains-Powered

Overview

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. 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
- Separate Test and Hush buttons to test and temporarily silence nuisance alarms
- Sealed-in rechargeable Lithium cell for 6 months continuous operation in 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

General Specifications

Power Supply	230V mains-powered with replaceable Alkaline back-up battery
Temperature Range	0ºC to + 40ºC
Humidity Range	Up to 93% Relative Humidity (RH) non-condensing
Storage and Transport	-20ºC to +60ºC 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

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Technical Specifications

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	Non user-replaceable Lithium Polymer cell
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 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 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 conductors

Weights and Dimensions

Alarm Dimensions	142 x 65mm
Alarm Weight (w/o packaging)	349g
Case Quantity	6 units

Certification / Approvals

BSI certified to BS EN14604:2005
CE tested and certified

Warranty

10- Year manufacturer's warranty