

PRODUCT

2SFWR

Optical Smoke Alarm with wireless capability

DESCRIPTION



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.

Rechargeable sealed-in Lithium cell back-up version

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
- Tamper-proof batteries sealed-in to prevent removal

WHERE TO USE

Optical alarms are for use in escape or circulation routes and in areas where there is danger of ignition of furniture and surroundings by cigarettes producing slow, smouldering 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	2SFWR		
		Power Supply	230V mains powered with recharge	able sealed-in Lith	ium cells
	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 ' <i>Slick</i> ' mounting base)			
		Alarm Weight	247g		
		Warranty	10 years (including batteries)		
		Approvals	BSI certified to BS EN14604:2005	æ	$\boldsymbol{\mathcal{L}}$
		CE tested and certified	¥	して	
	Associated Standard	BS 5839 Part 6 Grade D	EN14604: 2005 Licence no: KMS24754	0086-CPD-535595	

For more information or to contact Kidde Sales: 01753 766 392 kiddesafetyeurope.co.uk MAINS SMOKE ALARMS SHEET 18 / 2014

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SENSOR TYPE

230V mains Optical

TECHNICAL SPECIFICATION

Note: Specifications are subject to variation by improvement and change

Sensor	Optical chamber with insect-resistant width slot entry inlet portals
Chamber Size	41mm outside diameter x 16mm approximate depth (external)
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 4 x 3V rechargeable Lithium cells (ML 2430)
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

PACKAGED SPECIFICATION

	BOX
Order Code	2SFWR
Pack Dimensions	142 x 142 x 65mm
Pack Weight	331g
UPC Barcode	0-025417-599978
Case Quantity	6
Case Dimensions	155 x 305 x 210mm
Case Weight	2.3Kg
ITF Outer Code	n/a

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