Kidde
United Technologies

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.

SLICK®

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 rechargeable sealed-in Lithium cells**
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	**247g**
Warranty	**10 years (including batteries)**
Approvals	**BSI certified to BS EN14604:2005**
	CE tested and certified
Associated Standard	**BS 5839 Part 6 Grade D**

EN14604: 2005
Licence no: KMS24754

0086-CPD-535595

CE

2SFWR

Optical Smoke Alarm
with wireless capability

POWER SOURCE	230V mains
SENSOR TYPE	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**

For more information or to contact Kidde Sales:

01753 766 392   kiddesafetyeurope.co.uk