



Rechargeable sealed-in Lithium cell back-up version

PRODUCT

3SFWR

Heat Alarm with wireless capability

DESCRIPTION



Mains-powered heat 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
- **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

This mains-powered unit can be used throughout the home in humid or dusty environments where an optical or ionisation smoke alarm is unsuitable, e.g. kitchens, loft spaces and garages. 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	3SFWR
Power Supply	230V mains powered with rechargeable sealed-in Lithium cell
Temperature Range	0°C to +40°C
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	240g
Warranty	10 years (including battery)
Approvals	BSI certified to BS5446 Part 2:2003 CE tested and certified
Associated Standard	BS 5839 Part 6 Grade D



BS5446 Part 2: 2003
Licence no: KM503753

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POWER SOURCE

230V mains

SENSOR TYPE

Thermistor (thermal resistor)

TECHNICAL SPECIFICATION

Note: Specifications are subject to variation by improvement and change

Sensor	Thermistor (Thermal resistor) within detection unit
Sensitivity	Complies with BS 5446 Part2:2003, as a Class A2 device, alarms between 54°C and 70°C
Button Test	Simulates the effect of heat at the sensor, 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 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	3SFWR
Pack Dimensions	142 x 142 x 82mm
Pack Weight	329g
UPC Barcode	00-25417-599985
Case Quantity	6
Case Dimensions	160 x 295 x 258mm
Case Weight	2.5kg
ITF Outer Code	n/a

