

# HEAT ALARM

**MAINS-POWERED | MODEL 3SFW**

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



## Overview & Key Features

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.

- 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

## General Specifications

### General

<b>Power Supply:</b>	230V mains-powered with 9V Alkaline back-up battery
<b>Temperature Range:</b>	0°C to +40°C
<b>Humidity Range:</b>	Up to 93% Relative Humidity (RH) non- condensing
<b>Storage and Transport:</b>	-20°C to +60°C and 5-95% relative humidity (RH) non-condensing
<b>Alarm Dimensions:</b>	135 x 135 x 60mm (including 'Slick' mounting base)
<b>Alarm Weight:</b>	274g
<b>Warranty:</b>	10 years

### Technical

<b>Sensor:</b>	Thermistor (thermal resistor) within detection unit
<b>Chamber Size:</b>	41mm outside diameter x 16mm approximate depth (external)
<b>Sensitivity:</b>	Sensitivity complies with BS EN14604:2005
<b>Detection Band:</b>	Infrared light wavelength
<b>Button Test:</b>	Simulates the effect of heat at the sensor, checks electronics and sounder
<b>Automatic Self-test:</b>	Circuitry is tested every 40 seconds and unit beeps if fault is detected
<b>Supply Voltage:</b>	230V AC, 50 Hz (nominal UK voltage)
<b>Power Consumption:</b>	Maximum 80mA
<b>Battery Back-up:</b>	User-replaceable alkaline 9V battery (MX1604)
<b>Battery Monitoring:</b>	Battery is monitored and unit emits a single chirp every 40 seconds if a fault is present
<b>Low Battery Warning:</b>	30-day low battery indicator
<b>Power-on Indicator:</b>	Continuous green LED

**Technical (continued)**

<b>Alarm Sounder:</b>	Electronic piezo-electric sounder (T3 pattern sound: three pulses - space - three pulses)
<b>Sound Output:</b>	85dB (A) minimum at 3 metres
<b>Alarm Frequency:</b>	3.2 kHz typical
<b>Alarm Status:</b>	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
<b>Interconnection:</b>	Up to 24 units (smoke, heat and CO) can be hardwired interconnected using SMART® interconnect system with optional control (see below)
<b>Optional Controls:</b>	Wireless Base Remote Test and Hush Unit (KN-RTH-RF) when used with Wireless Base
<b>Fixing:</b>	'Slick' mounting deep base as supplied
<b>Base Cable Connect:</b>	Screwless Terminal Block with slot release feature for conductors

**Weights and Dimensions**

<b>Alarm Dimensions:</b>	135 x 70mm
<b>Alarm Weight (without packaging):</b>	274g
<b>Case Quantity:</b>	6 units

**Certifications/Approvals**

**BSI certified to B5446 Part 2:2003**  
**CE tested and certified**

**Warranty**

**10-year manufacturer's warranty**

