PHOTOELECTRIC SMOKE ALARMS: MAINS 230V

APPLICATION:

All alarms are manufactured to the highest quality, undergoing over 50 on-line quality control tests and are certified to BS5446 Pt1:2000.

The 7010 series of alarms are part of a range that will define the next generation of photoelectric alarms. Smoke sensing technology has also been improved and the alarms use the new patented ceiling entry smoke system. Housed in a sleek modern design these alarms will be much in demand.

The 7010BE & 7010LBE both feature a test and silence button and have LED indicators for power and alarm. The 7010BE has an alkaline battery back-up while the 7010LBE features a sealed lithium battery providing 10 year guaranteed back-up.

Current building regulations require one alarm per level in each new dwelling. While all smoke alarms are designed to detect smoke, sensing technologies react differently to each type of fire.

Photoelectric sensing technology is generally more sensitive (than ionisation sensing technology) at detecting large particles. Large particles tend to be produced in greater amounts by smouldering fires. These fires may smoulder for hours before bursting into flames. Such fires are generally started by cigarettes in bedding, soft furnishings and carpets.

Smoke and heat alarms can be fully integrated into Flexipoint mini-system.

7010BE & 7010LBE

MAINS POWERED SMOKE ALARM WITH BATTERY BACK UP

7010BE Mains operated with an alkaline battery back up in case of mains failure. The locking feature deters removal of the alarm with an additional battery locking facility to prevent tampering.

7010LBE Mains operated with a sealed lithium battery back up in case of mains failure. A locking feature deters removal of the alarm.

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Further items on request. Dimensions mm.
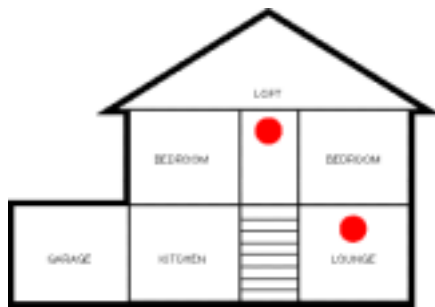**Subject to change without notice.**

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L3640

PHOTOELECTRIC SMOKE ALARMS: MAINS 230V

DESIGN AND INSTALLATION:

The 7010 series is designed for easy installation. Mains power connection is made via a 'quick connect' wiring harness. A ceiling mounting bracket is included with all alarms.

Surface mounting pattresses (SMK623) are recommended in retrofit installations or where surface cabling is used. This enables full compliance with BS7671(1992) Regulations and current IEE (Institute of Electrical Engineers) Regulations.

All models are interconnectable with up to 12 smoke alarms and 6 heat alarms. If remote signalling is required, a relay version of the surface mounting pattress (SMK623RCB) should be used. This has volt free contacts and is installed in a similar way to the standard pattress.

Minimum recommended locations for installing smoke alarms

BS 5446
Part 1 2000
Licence No. 7980

CE

7010BE & 7010LBE

MAINS POWERED SMOKE ALARM WITH BATTERY BACK UP

TECHNICAL SPECIFICATION:

MODEL	7010BE	7010LBE
Type	Photoelectric	Photoelectric
Operating voltage	230v AC	230v AC
Current	0.05A amps	0.05A amps
Battery back up	9v alkaline	9v lithium
Typical battery life (as backup)	3 – 4 years	10 years guaranteed
Alarm locking feature	YES	YES
Sealed battery	NO	YES
Temperature range	4ºC-38ºC	4ºC-38ºC
Humidity range	10%-90% RH	10%-90% RH
85dB alarm sounder	YES	YES
Test button	YES	YES
Silence button	YES	YES
Missing battery indicator	YES	Sealed unit
Automatic reset	YES	YES
Low battery warning	30 days	30 days
LED light standby	Green constant	Green constant
LED light alarm	Rapid flashing red	Rapid flashing red
Interconnectable	YES	YES
Diameter	127mm	127mm
Weight	236g	236g
BS5839Pt6	Grade D	Grade D
Pattress	SMK623A	SMK623A
Product guarantee*	5 Years *(excludes battery)	10 Years

ARCHITECTURAL AND ENGINEERING SPECIFICATION:

The 7010BE and 7010LBE incorporate the following features and functions:

> Photoelectric sensor technology using patented ceiling entry smoke system.

> Tamper-proof or sealed battery compartment discourages removal of battery.

> Visual LED to show power and fully operational unit.

> Manual full check test button - circuit, horn, battery, sensor.

> Silence button to quieten unwanted alarm.

> Manufactured in factory certified ISO9001

> Alarms tested and kitemarked to BS5446 Pt1.2000

> All units are CE tested and certified.

> Unit capable of operating between 4ºC and 38ºC within a relative humidity of 10% and 90%.

> For optimum protection, the alarm should be ceiling mounted. (Wall mounting should only be used in accordance with directions in the instruction manual). Includes alarm locking option.

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