

**APPLICATION:**

The Flexipoint Fire Protection System has been developed especially for smaller commercial businesses, guesthouses, B&B's and buildings of multiple occupancy giving a cost effective way to meet Duty of Care and Fire Precautions (Workplace) Regulations 1997.

These regulations now apply to all employers, whatever the size of their business premises, including houses of multiple occupancy or house/flat conversions.

Flexipoint provides a Grade C System as defined by BS5839 Part 6. It comprises of smoke detectors, and alarm sounders connected to a common mains power supply, with battery back up in all units with an element of central control.

Flexipoint combines several key components – ionisation and optical smoke alarms, together with heat alarms and call point alarms – into a highly effective fire protection package significantly less expensive than full hard wired panel systems.

The BRK mains operated smoke & heat alarms are fully inter-connectable and are fitted with lithium back-up batteries. Up to 18 units (12 smoke and 6 heat) are recommended to be interconnected to ensure that if one alarm detects danger all units will sound (including the call points). The system, being modular, can also be added to or altered in line with changing business needs.

A Call Point Master, which includes a break glass and integral horn, is usually located at the main entrance of the premises. It centrally controls the Flexipoint system. In the event of an alarm the call point will enable the source of fire to be located quickly and appropriate action taken.

Flexipoint from BRK is guaranteed for 10 years, is easy to install and can provide ideal fire protection for a wide range of small business premises.

**CPA8230KS Call Point Master & CPA8230AU Auxiliary**

**FLEXIPOINT FIRE PROTECTION SYSTEM FOR SMALL PREMISES**



**TECHNICAL SPECIFICATION:**

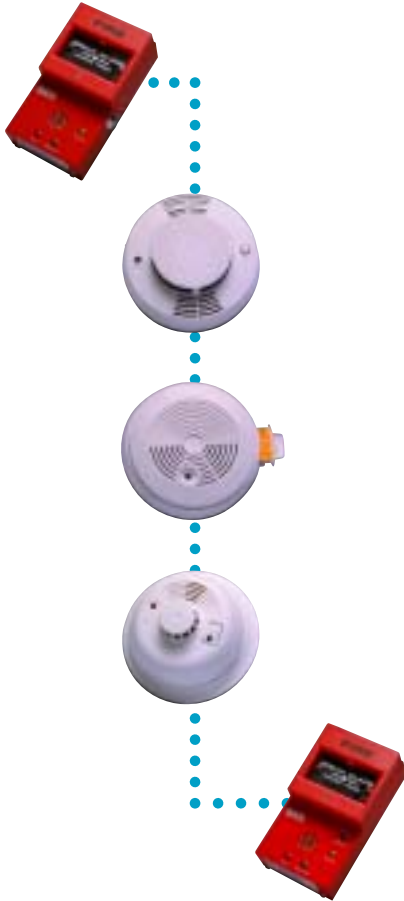
MODEL	CPA8230KS Call Point Master	CPA8230AU Auxiliary
Grade of system to BS 5839 Part 6 1995	C	C
Interconnection with other BRK smoke/heat alarms	Up to 18	Up to 18
Ceiling/wall mounting	Wall only	Wall only
Power supply (with consumption)	230 volt AC (600mW)	230 volt AC (600mW)
Battery back-up	yes	yes
Battery type 9v	lithium	lithium
Typical battery life as back-up	10 yrs guaranteed	10 yrs guaranteed
Low battery warning	beep every 60 seconds	beep every 60 seconds
Tamper-proof	standard sealed-in	standard sealed-in
Audible alarm output at 3 m	85dB	85dB
Alarm silencer	using key switch	button
Visual alarm signal	rapid Red flashing LED	rapid Red flashing LED
Standby signal to indicate ON	continuous Green LED	continuous Green LED
Full function test	Yes	Yes
Product guarantee	10 years	10 years
Size	160mm (h) x 90mm (w)	160mm (h) x 90mm (w)
Depth/projection	55mm max	55mm max
Weight	599g	549g

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**SMOKE ALARMS • HEAT DETECTORS • CO ALARMS**

### CPA8230KS Call Point Master & CPA8230AU Auxiliary

#### FLEXIPOINT FIRE PROTECTION SYSTEM FOR SMALL PREMISES



#### DESIGN AND INSTALLATION:

The components of the system comprise the optical type smoke alarm, 2002RACHE10N, the ionisation type smoke alarm, 86RACHE10N, and the fixed temperature heat alarm 6230B10FP. These mains operated models are fully inter-connectable and are all fitted with lithium back up batteries.

The Call Point Master CPA8230KS, features a key switch. In the event of the alarm sounding the key enables all but the triggering alarm to be silenced. This means the source of the alarm can quickly be identified and action taken.

When the system alarms it "latches" so that it will continue to sound until reset manually using the key switch. The silencer mode on the individual units operates for between 8-12 minutes.

The Call Point Auxiliary CPA8230AU has a separate silencer button. The unit can be used either singly as a "break glass audible alarm" or as a "slave" to the Master CPA8230KS.

The CPA units and smoke/heat alarms have indicator lights as well as audible alarms. All FlexiPoint components feature sealed in lithium batteries with a 10-year guarantee. They will continue to give full fire safety cover in the event of mains power failure.

#### WIRING:

Cabling from distribution board to backbox of CPA Master in series or radial circuit: PVC/PVC solid copper, 1.5mm<sup>2</sup>, twin and earth, BS cable code 6242Y.

Cabling for interconnecting smoke/heat alarms/CPA units: PVC/PVC solid copper, 1.5mm<sup>2</sup>, 3 core plus earth, BS cable code 6243Y.

#### REPLACEMENT PRODUCT REFERENCES:

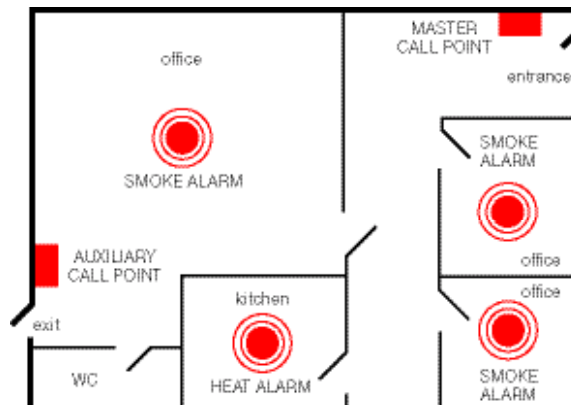
Break glass  
Metal key switch CPA8230KEY  
Plastic test key CPA8230KEYP

#### REMOTE-SIGNALLING PATRESS DATA:

Product references:  
SMK839RCB (smoke alarm),  
SMK623RCB (heat alarm)  
Relay contacts: voltage free  
Relay contact rating: 8A  
Relay unit current inductive loads:  
2.5A max  
Relay unit current resistive loads:  
5A max  
Diameter: as alarm diameter  
Depth/projection: 25mm

#### TYPICAL FLEXIPOINT LAYOUT

(For illustrative purposes only. Positioning of alarms will vary depending on building layout.)



BS 5446  
Part 1, 2000  
Licence No. 7980



BSI Registered Firm Certificate #FM21268

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