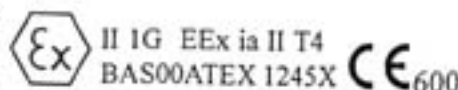


- INTRINSICALLY SAFE and Colour variations*

Installation instructions and conditions of safe use

IMPORTANT NOTICES

These call points carry the following approvals



They are designed and manufactured to protect against other hazards as defined in paragraph 1.2.7 of Annex II of the ATEX Directive 94/9/EC

They are intended for indoor use within Intrinsically Safe(I.S.) Systems utilising suitable Zener Barriers.

To reduce the risk of a static electricity hazard, these call points must only be cleaned with a damp cloth.

These call points must not be modified in any way as doing so may invalidate the Certification and may compromise the safety of the product.

IP PROTECTION	ELECTRICAL DATA	OPERATING TEMPERATURE RANGE
IP24D	$I_L = 500mA$ $U_i = 30V$ $P_i = 1W$	-30°C TO +70°C
	These ratings must not be exceeded	

MODEL CONFIGURATIONS

- Model 2001** Single pole changeover switching
- Model 2061** Normally open with LED and resistor network, R2 is the current limiting resistor, and R1 is to ensure that the call point operates should the LED fail. R1 and R2 are 0.5W carbon film resistors.
- Model 2072** Normally open with 1W series monitoring resistor.

METHODS OF FIXING

Flush Installations

The call point fits directly onto a U.K. switch/socket box. A minimum depth of 25mm is required. Fixing is via the two M3.5 x 30mm screws (provided in the installation pack) through the relevant holes in the front of the call point. The lid and glass will need to be removed to facilitate fixing. For fitting to other box types-see below.

Surface Installations

A choice of Plastic or metal mounting boxes is available. The pack box for the plastic box has a tear off template for locating cable entry holes.



The metal box has pre drilled 20mm diameter holes suitable for cable glands or conduit. Fixing is via the two M3.5 x 30mm screws (provided in the installation pack) through the relevant holes in the front of the call point. The lid and glass will need to be removed to facilitate fixing

It is important that the metal box is protected from impact and friction when installed.

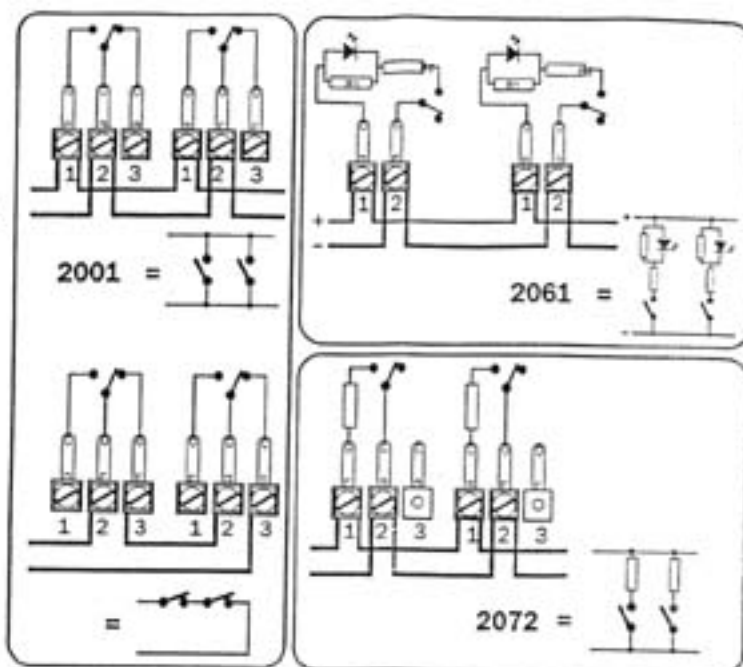
Fitting to other boxes

A range of mounting accessories is available to suit specific needs.

INSTALLATION CONSIDERATIONS

The call points should be installed in a position where they will not be subjected to mechanical stresses, and where the temperature is within the Operating Temperature range.

Areas where there are, or are likely to be, aggressive substances should be avoided. Details of the materials used in the construction of the call point and likely harmful substances can be obtained from the manufacturer at the address overleaf.



CONNECTION DETAILS

The Model configurations above show the required connections. Each terminal has been designed to take two cables of up to 2.5mm² Cross sectional area. When terminating two cables in one terminal place one cable either side of the screw head, ensuring that the cables are placed under the curved washer.



TESTING

To test the call point, insert the test key into the key slot as shown. This allows the glass to drop and the switch to activate without the need to break the glass.

MAINTENANCE

After an activation of the call point (or accidental breakage) the glass will need to be replaced. To facilitate this the call point lid must be removed with a Philips screwdriver. Remove broken glass and replace with a new piece, ensuring that the top edge of the glass pushes the switch plunger back into its set position.

Apart from regular testing of the call point (see above), as part of the scheduled maintenance of the fire alarm system, no additional maintenance is required.

COSHH - Glass

Care must be taken when removing broken glass from the call point. An adhesive Vinyl label fitted to the front of the glass should keep glass fragments together but there is a small risk that glass shards may be present.

***COLOUR VARIATIONS**

The 'R' in the model reference refers to the colour of the call point i.e. RED.

Other colours available are

- 'W' White
- 'Y' Yellow
- 'G' Green
- 'B' Blue

HINGED COVER AND HINGED COVER SEAL

A transparent polycarbonate hinged cover can provide protection from accidental operation. A breakable plastic seal can add further protection. In use, the seal must be broken before the cover can be raised

