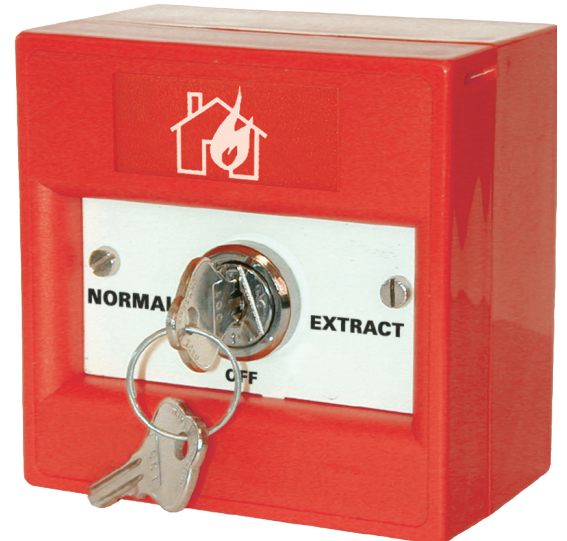


Indoor Specialist Activation Devices Keyswitch model 9100



> Product Benefits

- Variety of keyswitch devices available
- Suitable for Fire, Security & Other Specialist Applications
- Variety of colours and markings



Product Overview

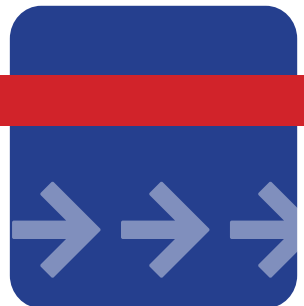
The KAC Class 9000 range of devices provides you with the most comprehensive range of switching product solutions for fire, security and other specialist applications.

All products comprise a main housing and escutcheon plate. The switching device is fitted to the plate, which simply snaps into the main housing and is permanently located into place by fixing screws.

As with our market leading range of call points, all switching devices can be supplied in our core colours of red, green, white, yellow and blue. There are also numerous function marking options available to meet your specific requirements.

The keyswitch family forms part of the Class 9000 range and can be supplied in three principle versions: -

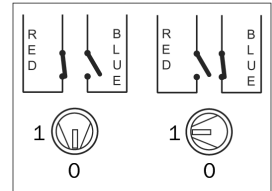
- Two position keyswitch (marked '1' and '0', with the key trapped in either position 1 or position 0 (customer choice at point of order, see figure 1 for contact arrangement)
- Two position keyswitch (marked '1' and '0', with the key removable in both positions (see figure 1 for contact arrangement).
- Three position keyswitch (Fireman's Keyswitch) removable in all positions. This type has two pairs of electrically separated contacts; both open in the central position, one closes in each of the other positions (see figure 2 for contact arrangement).



Electrical Specification

Connection Details:	See figures 1 & 2
Cable Terminals:	See figure 3
Maximum Voltage:	240VAC or 24VDC
Current Rating:	2 Amps @ 240VAC, 6 Amps @ 24VDC

Fig. 1



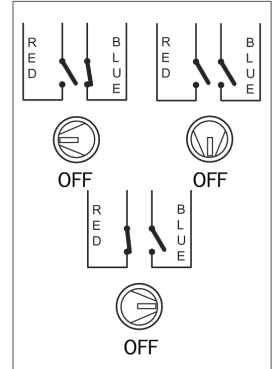
ABOVE: Contact arrangement on Types 101 and 102.

BELOW: Contact arrangement on Type 103.

Environmental Specification

Humidity:	0-95% non-condensing
Operating Temperature:	-20°C to +55°C
Storage Temperature:	-20°C to +55°C
Ingress Protection (IP) Rating:	IP24D
For RoHS, WEEE & REACH data please see www.kac.co.uk	

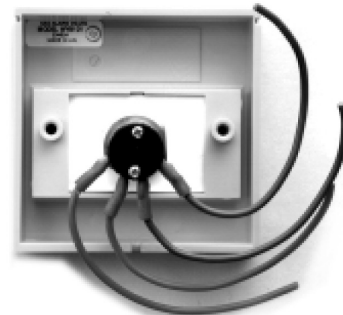
Fig. 2



Mechanical Specification

Material:	ABS
Weight:	120g Flush, 180g Surface
Colour:	Red, Green, White, Yellow, Blue, Orange

Fig. 3



Rear view of a Keyswitch Model showing how the connections are brought out on 32/0.2mm² flying leads.

The installer is required to make the required connections and remove the unwanted conductors.



Dimensioned side view of a keyswitch model

Ordering Information

Model	Description	Mounting
W*9101	Two position keyswitch, removable in both positions	Flush
W*9101/S*	Two position keyswitch, removable in both positions	Surface
W*9102	Two position keyswitch, removable in 1 position	Flush
W*9102/S*	Two position keyswitch, removable in 1 position	Surface
W*9103	Three position keyswitch, removable in all positions	Flush
W*9103/S*	Three position keyswitch, removable in all positions	Surface

* - defines colour, R=red, G=green, W=white, Y=yellow, B=blue, A=orange

Other variations are available

To identify the function label please attach word to the end of the above part codes.

For example WR9103/SR-F222 = Three position keyswitch, red, "house Flame" label

For available function labels please refer to our data sheets "FM-RED" and "FM-COL".

Accessories

Code	Description
PS200	Plain Hinged Cover

> KAC Alarm Company Ltd

KAC House, Thornhill Road,
North Moons Moat, Redditch,
B98 9ND, United Kingdom
Tel: +44 (0) 1527 406655
Fax: +44 (0) 1527 406677
e-mail: marketing@kac.co.uk

KAC