

INSTALLATION INSTRUCTIONS

MOUNTING POSITION

The normal mounting position is with the hinge at the top.

SURFACE FIXING

Surface fixing boxes and recessed flush boxes must have call point fixing screws horizontally aligned.

AVOID DISTORTION OF THE SURFACE FIXING BOX CAUSED BY OVERTIGHTENING BOX FIXING SCREWS ON UNEVEN SURFACES.

FLUSH FIXING

Use any suitable flush fixing socket box, (single gang to BS 4662; 1970) and recess the front edge to level or slightly below wall surface.

EARTH CONTINUITY

A termination point is provided in the surface box for earth cables. Also an earth continuity strap is supplied for dual conduit entries. For top and bottom entries optional continuity leads may be obtained. For flush fixing use a metal box with an earth terminal.

CONDUIT HOLES - SURFACE

Centre positions are marked on the top and bottom of the box for drilling or punching the required conduit entry holes up to 20mm diameter maximum.

ELECTRICAL RATING (See Note 2)

AC (50 Hz) 8V min. 250V max up to 10A
DC 8V min. 24V max up to 10A
48V max up to 3A
Contact resistance 0.1 ohms max.

MAINS SYSTEM

Affix voltage warning label to each unit.

GLASS FITTING

Feed the glass upward to push the cams down and fit under slider, locate bottom of glass into recess.

Hold the bottom of glass in position and rotate the thumbwheel quadrant to raise the top of the glass.

Fit the call point cover by hooking it into the top of the unit and making sure that the glass is properly seated (held down) tighten the cover fixing screw.

TESTING

Push the test key through the hole in the underside of the call point to engage the test cam mechanism and push to operate the cam mechanism.

At this point the test key is retained in the call point and pulling it out will reset the glass.

NORMAL OPERATING METHOD

Press hard with thumb onto the centre of the glass. The glass will crack vertically (due to a small score on its reverse side) and collapse into the call point whilst being held together without injurious splinters by the clear label on the front of the glass.

GLASS REPLACEMENT

Open front cover, remove broken glass and follow procedure outlined under glass fitting.

WIRING

Do Not spur wire from the initiating (zone) circuits.

Do Not fit more than one core per terminal screw, always use one screw for 'IN' and one screw for 'OUT' to avoid possible bad connections.

Maximum size cable 4.0mm².

CONNECTION

Type	Function	Terminals
OC	Normally open contacts:-	1&3
OR	Normally open contacts, with series resistor:-	2&3
CO	Change over contacts:-	
	Common terminal	1
	Normally closed terminal	2
	Normally open terminal	3
M	Normally open contacts with series zener diode:-	
MD	As type 'M' with LED indication:-	
OD	As type 'OC' with LED indication:-	
	Positive (+) terminal	2
	Negative (-) terminal	1

NOTES:

1. The unit as supplied is suitable for indoor application, a weather-resistant kit is available for use with surface mounting manual call points.
2. Electrical ratings refer to types 'OC' and 'CO' only. Use other types specified, only in accordance with the panel installation instructions, to which the manual call point is being connected.