



Odyssey Mini Switch Monitor 200-201

The Odyssey multisensor detector contains an optical smoke sensor and a thermistor temperature sensor whose outputs are combined to give the final analogue value.

The multisensor construction is similar to that of the optical detector but uses a different lid and optical mouldings to accommodate the thermistor temperature sensor. The sectional view (Fig.15) shows the arrangement of the optical chamber and thermistor.

SUMMARY

Odyssey's new Mini Switch Monitor is a miniature interface with an entirely new housing. The unit is designed to fit into equipment with limited space or mounted within an enclosure such as a manual call point. The interface can also be fitted onto a standard 35mm DIN-rail using a twist-click motion* the unit is designed to monitor the state of one or more single-pole, volt-free contacts and reports the contact status to Odyssey compatible control panels.

The Mini Switch Monitor measures just 39mm x 39mm x 20mm. This makes it ideal for use where space is limited. It can also be mounted into other equipment. The device also features a short-circuit isolator as standard.

The Mini Switch Monitor can be used as an interrupt or non-interrupt device. The interrupt feature means the unit can be used where a priority response is required, in particular for monitoring an individual or a zone of conventional manual call points.

In addition to 'normal', 'fault' and 'alarm' states, the unit also provides a 'pre-alarm' state which allows the investigation of a potential alarm in order to help prevent false alarms. The unit has three status LEDs. Red illuminates when in alarm, green means the device is polling and yellow can mean either a short-circuit on loop-wiring (constant) or a fault on the monitored circuit (pulsing). Different coloured LEDs mean clearer status indication.