

2814 ADDRESSABLE OPEN CIRCUIT SWITCH MONITOR

APPLICATIONS

The 2814 Addressable Open Circuit Switch Monitor is an Advanced Protocol device, intended to monitor the status of switches within Fire Doors, Sprinklers, Plant Alarms, etc.

Two inputs are available which can be configured for open or closed circuit operation via internal switches to suit each application. Activation of any input will then be signalled via the associated control panel.

The interface is assigned a unique system address via from 1 to 127.

FEATURES

- Addressable (advanced protocol)
- Can monitor & transmit two individual input signals
- Normally closed or open operation
- Internal Status LED
- Latching & non-inputs



OPERATION

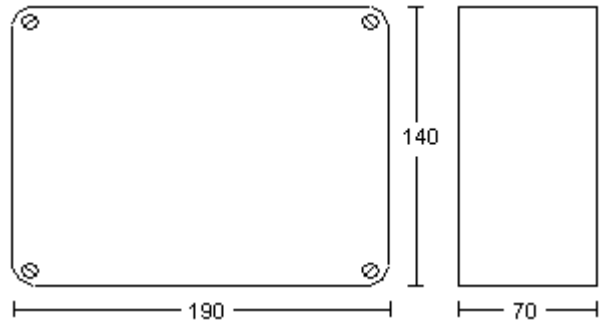
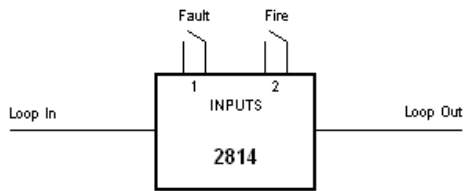
The 2814 Addressable Open Circuit Switch Monitor is capable of monitoring the status of two inputs. Each input may be individually configured for open or closed circuit use.

Input 1 ensures that signals of short duration are 'seen' by the control panel. Input 2 is non-latching for up to 3 seconds, enabling spurious signals to be prevented, such as fluctuations in water pressure detected by a Sprinkler Pressure Switch, etc.

A red status LED flashes each time the Monitor is polled by the control panel, and illuminates continuously when an input is activated.

The mode of operation and Monitor address is set via DIL switches.

APPROVALS: suitable for use in BS5839: Pt1 : 2002 systems.



CABLE ENTRIES:

- Via 20mm Knockouts
- 5 x Knockout in top
- 5 x Knockouts in bottom

N.B. If PCB only is required without enclosure specify 2814/PCB

SPECIFICATION

Order Code	2814
Operating Voltage	24v DC
Current Consumption	6 mA Quiescent
Alarm Delay	15 seconds approx
Operating Temperature	0°C to 55°C
Material	Plastic enclosure and lid
Colour	Grey
Dimensions	140 H x 190 W x 70 D
Ingress Protection	IP20