

2802 ADDRESSABLE DUAL RELAY**APPLICATIONS**

The 2802 Addressable Dual Relay Controller is designed for use on our addressable fire alarm systems to control the operation of Dampers, Fans, HVAC equipment etc., via an addressable module and two loop powered relays. The unit also contains an input, which can be used to monitor an external circuit for short circuit or open circuit fault conditions.

**FEATURES**

- Addressable Device (Advanced Protocol)
- Operate via Loop
- Two N/C or N/O contact switching outlets
- Standard Enclosure
- Fault Monitoring Input
- Can be individually addressed from 1 to 126

OPERATION

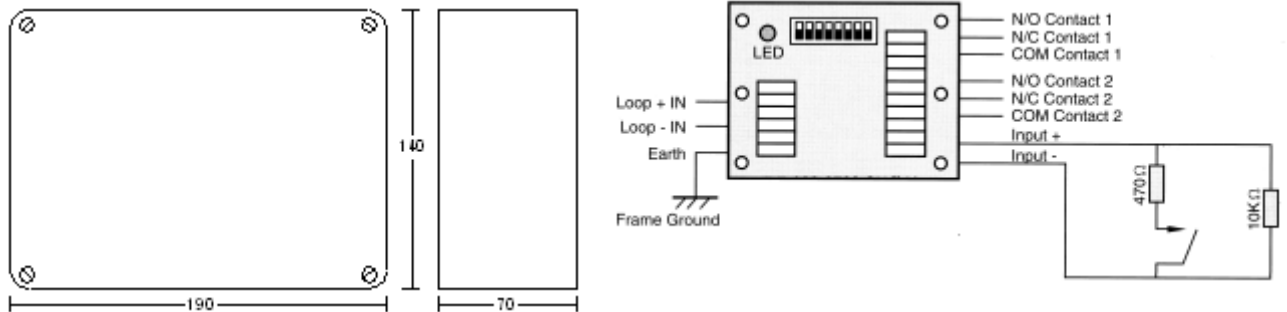
The 2802 Dual Relay Controller provides two volt free outputs each with either normally open or normally closed contacts to meet specific design requirements. The maximum rating of the relay contacts should not exceed 1 AMP AT 30V DC.

The operation of the fire alarm causes the programmable address module to function and the relay contacts change state as required to switch the circuit of the ancillary service.

The loop address is set using the 8-bit protocol DIL switch. The blank address label should be suitably marked to indicate the address given between 1 and 127 using the Monitoring DIL switch. There is a red status LED mounted on the controller unit which flashes each time the unit is polled by fire alarm control panel.

Alternative relay units suitable for use with conventional or primary protocol addressable systems are available. Please ask for further details.

APPROVALS: suitable for use in BS5839 systems. BT approved relay (BT 47/7)



N.B. If PCB only is required without enclosure specify 2802/PCB

SPECIFICATION

Order Code	2802
Supply Voltage Range	17-31 Vdc
Current Consumption	110uA
Contact Ratings	1 AMP at 30v DC
Input ON Threshold Level	470Ω ± 5% (>0.25W)
Open Circuit Threshold Level	> 100KΩ
Transmission Method	Advanced Protocol
Ambient Temperature	0°C to + 55°C
Material	Plastic enclosure and lid
Colour	Grey
Weight	1500g
Dimensions	140 H x 190 W x 70 D
Ingress Protection	IP20