

2818 DUAL ZONE MONITOR INTERFACE UNIT**APPLICATIONS**

The 2818 Dual Zone Monitor Interface Unit is designed to allow up to 60 conventional detectors (30 on each zone) to be integrated (i.e. monitored and controlled) by an Analogue Addressable System.

**FEATURES**

- Single Loop Address
- Requires an auxiliary 24 Vdc Supply
- Supports Two Independent Zones of Conventional Detectors
- Both Zones Fully Monitored for Open and Short Circuit Faults
- Fire Test Facility

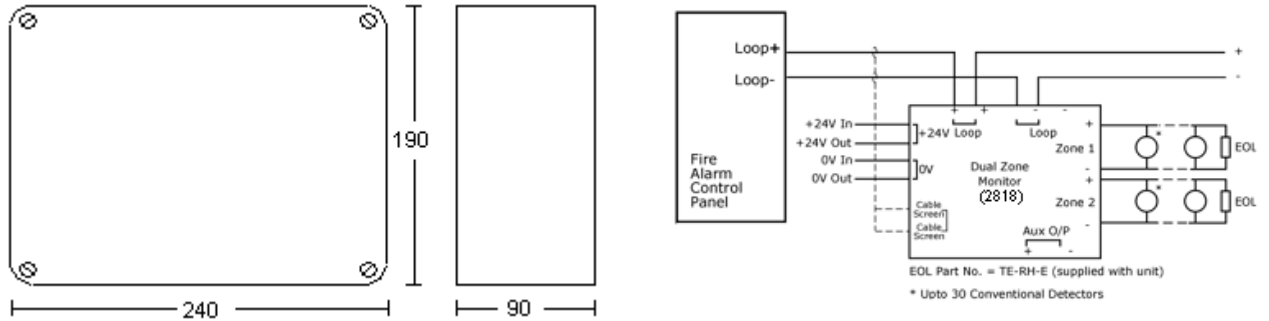
OPERATION

The 2818 Dual Zone Monitor Interface Unit provides two loops to connect conventional fire detectors to the addressable fire detection central unit.

The 2818 has fully monitored zones for open and short circuits, achieved by an End Of Line (EOL) Unit. When a fire is generated on the zone, the unit generates a level 2 interrupt signal which allows the fire alarm control panel to respond quickly to the fire. The 2818 has a 4-bit microprocessor which controls the timing of transmission, address recognition, fire test, kind signal and fire signal transmission.

The integrity of the 2818 is ensured via full monitoring against malfunction or disconnection, together with a self-test feature through the ESP protocol.

APPROVALS: Suitable for use on BS5839 Pt 1 :2002 systems.



N.B. If PCB only is required without enclosure specify 2818/PC

SPECIFICATION	
Order Code	2818
Operating Voltage	24v DC (17 – 41v DC)
Current Consumption (External)	Quiescent 800uA Alarm 70mA (both zones in fire)
Quiescent current	300uA
Transmission Method	Digital communications : Advanced protocol
Operating Temperature Range	-10 ⁰ C to +50 ⁰ C
Relative Humidity at 40⁰C	95% RH
Material	Plastic Enclosure and Lid
Colour	Grey
Dimensions	190H x 240 W x 90D