



BS 5750 Part 1: 1987  
 ISO 9001: 1987  
 EN 29001: 1987  
 QAS 3433/58 Issue 1A

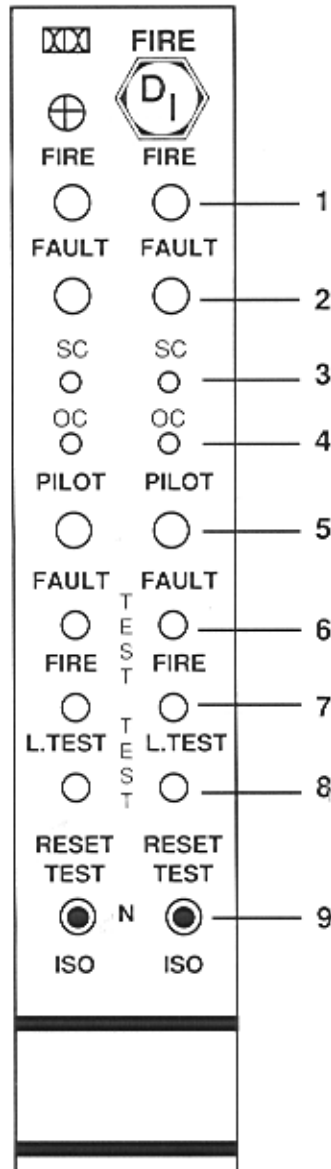
CERTIFICATE NO. FM 12734



**CROWCON**  
 DETECTION INSTRUMENTS

# TWIN ZONE FIRE CARD

# DI 950C



## FEATURES

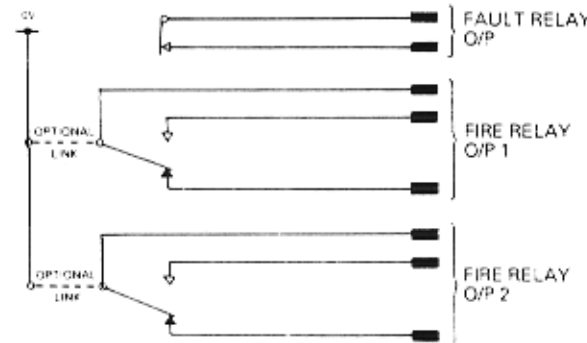
- The DI 950C Twin Zone Fire Card contains two identical, independent, fire control circuits on one plug-in card.
- Controls most heat, smoke, U.V. and infra red flame detectors.
- Open and short circuit monitoring.
- Relay and electronic outputs.
- Accept, lamp test, isolate and reset functions.
- Remote test facility for full functional check of alarm circuitry.

## SPECIFICATION

Power Supply	Nominal 24V DC Range 18V - 35V
Fused Power Inputs	
Current Consumption per zone	Quiescent 55mA at 24V Alarm 110mA at 24V
Construction	Front panel 3u high x 25mm wide Card 220mm long
Weight	220 grams
Connector	64 way DIN 41612 3 Micron Gold plating (min)
Temperature Range	0 to 50°C
Humidity	95% R.H. Non-condensing

## RELAY OUTPUTS

(Each Zone)



Two DPCO contacts for Alarm. One SPCO contact for fault.  
 Contact Ratings 1A at 24VDC. Alarm Relays - normally de-energised.  
 Fault Relays - normally energised.

## KEY:

1. Red FIRE LED - illuminated on fire alarm.
2. Amber FAULT LED - illuminated if fault in detector wiring/card circuitry.
3. Amber SC Fault LED - illuminated on detector wiring short circuit.
4. Amber OC Fault LED - illuminated on detector wiring open circuit.
5. Green PILOT LED.
6. Push button FAULT TEST simulates fault condition.
7. Push button FIRE TEST simulates fire condition.
8. Push button LAMP TEST and RESET.
9. Toggle switch.

TEST enables use of Test Fire/Fault push buttons. Initiates fault alarm.  
 N normal operation. ISOLATE as TEST except following output signals inhibited:-  
 Continuous Alarm, Pulse Alarm, Fire Relay outputs.

STOCK NO.  
 M07087