



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

CERTIFICATE NO. FM 12734

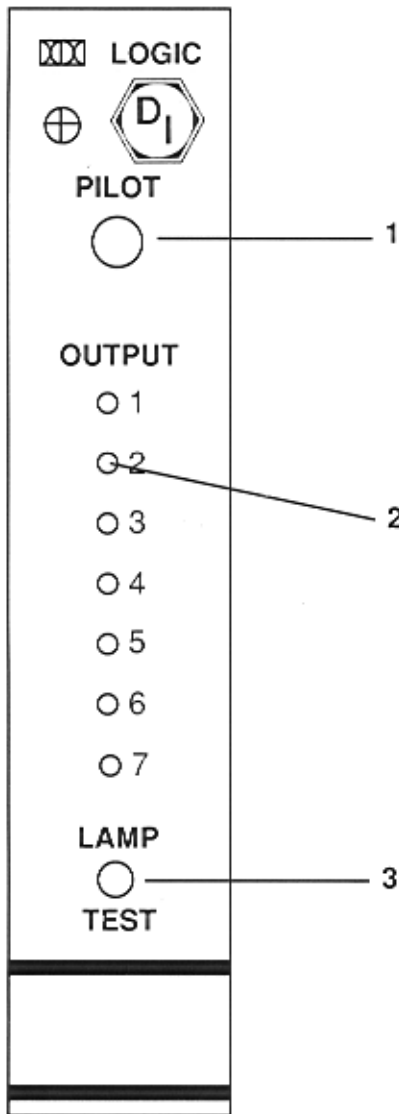
HALMA
 GROUP
 COMPANY



Crowcon
 DETECTION INSTRUMENTS

SWITCH PROGRAMMED LOGIC CARD

DI 965A



FEATURES

- The DI 965A Logic Card processes signals from Detector Control Cards giving outputs for initiating executive or shutdown actions.
- Voting obtained by board mounted switches.
- Six outputs for ANY TWO voting and one for ANY ONE voting.
- Accepts up to thirteen inputs.
- Visual indication of output status.
- Green PILOT LED.
- Green RELAY ENERGISED miniature LEDs.
- LAMP TEST push button.

SPECIFICATION

Power Supply	Nominal 24V DC Range 18V - 35V
Fused Power Inputs	
Current Consumption	Quiescent 40mA at 24V Max. 150mA at 24V
Construction	Front panel 3u high x 25mm wide Card 220mm long
Weight	180 grams
Connector	64 way DIN 41612 3 Micron Gold plating (min)
Temperature Range	0 to 50°C
Humidity	95% R.H. Non-condensing

ELECTRONIC OUTPUTS

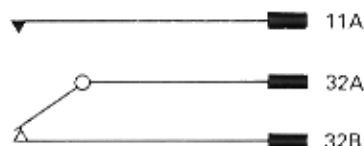
Inputs and outputs active low
 Logic Levels: Logic 1 = 0.6V (O/P 360mA sink)
 Logic 0 = 12V (O/P open collector)

PROGRAMMING DETAILS

13 inputs/7 outputs.
 Any number of the 13 inputs can be directed on to a given output channel (from 1-6). The output is activated if any two of the selected inputs are true. Output 7 is reserved for any one voting (i.e. active when any input active).
 N.B. each input can only be used once in programming.

RELAY OUTPUTS

(FAULT RELAY)



Shown in normal operating condition - relay normally energised.
 Relay Contact Rating 500mA max. 100V DC max. (10 watts max.)

KEY:

1. Green PILOT LED.
2. Output operated LEDs.
3. Lamp test.

STOCK NO.
 M07084