

# Computer interface for SDX-15 Alarm Systems

## About this manual



When you see this symbol, the associated text in bold type refers to something which may cause danger or damage.

The Computer Interface decodes the MEDCON multiplexed signals and switches relays which provide volt-free contacts for each alarm condition. These contacts are normally closed, opening under fault conditions. The rating of the contacts is 0.5 amp, 50 volts. The contacts are grouped in groups of 4 contacts with a common. This corresponds with one gas, condition number 1 being the first alarm condition below the normal lamp e.g. Change Cylinders.



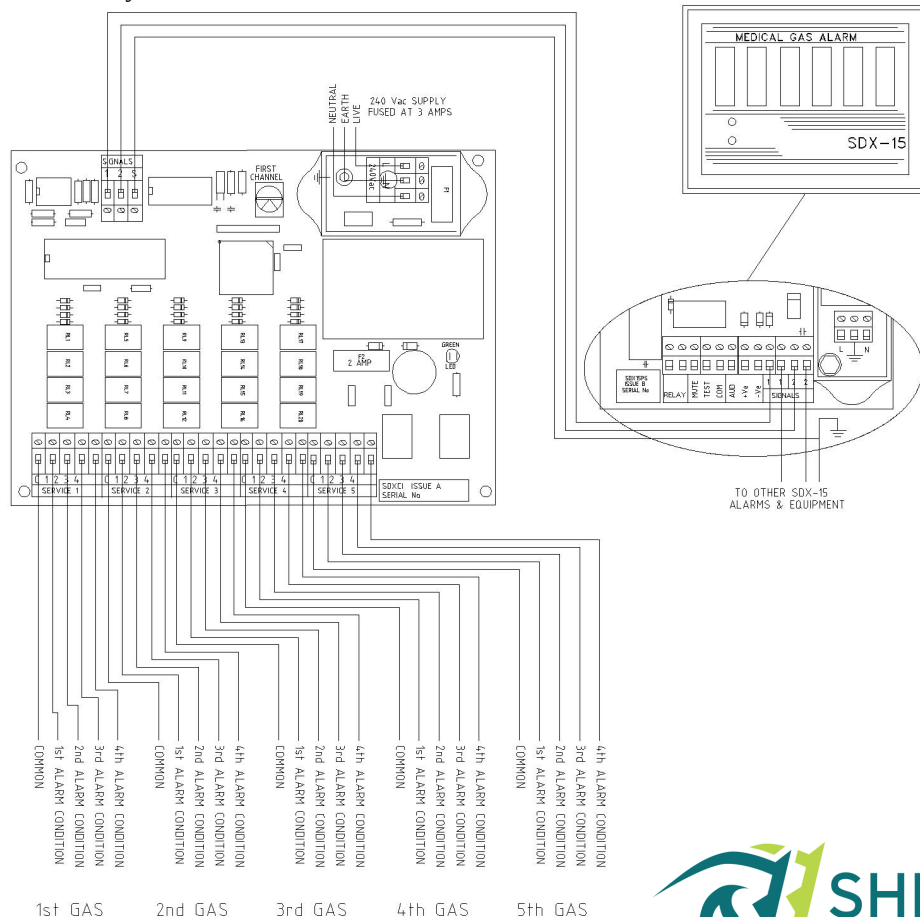
**Warning** This equipment is not suitable for connection to an IT power system. A readily accessible means of disconnecting the supply must be provided. The maximum prospective fault current must not exceed 1500 amps.

## Connection

A 240 volt, 50/60 Hertz supply is required, which is connected to terminals under the mains terminal cover. The 2 core inter-panel wiring is connected to a signal terminal 1 & 2. The cable screen must be connected to the "S" terminal.

## Setting up

The services to be received are selected by means of a rotary switch which is set to the first channel. The other channels follow in sequence i.e. if the switch on a two gas computer interface is set to channel 2, service 1 relays will monitor channel 2 and service 2 relays will monitor channel 3



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