

16 Way – Zone Alarm Interface

Protec Reference: 6000 / 16ZAI



General Description:

6000/16ZAI - FAST™ Addressable 16 Way Detector Zone Input / Sounder Circuit Output Interface Unit.

With 16 monitored detection circuits suitable for use with Protec 3000 series detection devices (Line continuity) and 16 programmable sounder circuits, each rated at 24vdc 1A max. Total combined dependent on external 24 VDC power supply.

Auxiliary 24vdc required. A loop short circuit isolator is incorporated to isolate a short circuit fault on either the incoming or outgoing loop cable.

Technical Specification:

Description: 16 Way Conventional Detector Zone Monitor c/w 16 Programmable Conventional Sounder Circuits.

Loop Powered: External 24 VDC

Number of Addresses: Up to 16

Loop Standby Load mA: 7mA

Loop Alarm Load: 7mA

Additional 24Vdc Supply mA: Rated according to total sounder circuit current demand.

Loop Isolator: Yes

System Interfacing:

Each unit is designed to operate in conjunction with a control panel which utilises a 2 wire screened cable to connect each 16 way ZAI interface and other fire alarm devices onto a loop wiring configuration. Maximum number of addressable fire alarm devices per loop is 191 for the 6300 Control panel and 127 for the 6400.