



## Product Overview

The Protec 6000/APZA is a zone alarm interface which allows the 6000 series intelligent addressable loop to interface to a zone of conventional devices and a conventional sounder circuit.

This interface is ideally suited for small / industrial units with conventional fire detection to be fully integrated with Protec Intelligent addressable systems. The 6000/APZA is powered using an external EN54 pt4 1997+ A1:2002+A2:2006 power supply. It can support up to 20 Protec conventional (3000Plus) detectors. The zone end of line is selectable using the on board DIL switch and can be programmed to resistive or capacitive as per the requirement of BS5939-1 A1:2000 + A2:2008. The sounder circuit is monitored for open and short circuit faults and has 1A current drive capability.

For further details, please refer to DEL2077 installation and commission sheet.

## Mechanical Specifications

Dimensions (mm)	Weight	Rating
147(W) x 87 (H) x 25 (D)	120g	IP40

## Benefits

- Easy to use
- Reduce installation cost
- Simple expansion using existing wiring

## Key Features

- Soft addressing
- Integral short circuit Isolator
- Auxiliary powered
- Protec conventional detector and call point zone
- Built in sounder circuit monitored for open / short circuit faults

## Technical Specifications

Loop Protocol	Protec Algo-tec
Loop Voltage	18V to 28 Volts
Loop Current	Quiescent : 0.6mA Alarm : 0.6mA
Local Zones	EOL Resistive : 8.2k $\Omega$ EOL Capacitive : 100uF in series with 22 $\Omega$ Detectors per zone : 20 Call Points per zone : unlimited
Alarm Circuit	Fused : 1A per circuit End of Line : 10k $\Omega$
Call Point Resistance	180 $\Omega$ or 330 $\Omega$ in Series

## Order Codes

Description	Order Code
Auxiliary powered zone interface	6000/APZA