



0086-CPR-589456

Product Overview

The Protec 6000/2APZA is a dual zone alarm interface allowing the 6000 series intelligent addressable loop to interface to two zones of conventional devices and two conventional sounder circuits.

This interface is ideally suited for small / industrial units with conventional fire detection to be fully integrated with Protec intelligent addressable systems. The 6000/2APZA is auxiliary powered using an EN54 pt4 1997+A1:2002+A2:2006 external power supply and can support up to 20 Protec conventional detectors per zone and 1 Amp of alarm load per sounder circuit. The interface takes individual addresses and has on board LEDs indicating the status of each address input and output. The zone end of lines can be programmed as 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.

For further details, please refer to DEL2118 installation and commission sheet.

Mechanical Specifications

Dimensions (mm)	Weight	Environmental
146 (W) x 120 (D) x 40 (H)	217g	-10° to 50° (95RH)

Benefits

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

Key Features

- Soft addressing
- Integral short circuit Isolator
- Din rail mounted
- Auxiliary powered
- Two Protec conventional detector and call point zones
- Two built in sounder circuits monitored for open / short circuit faults

Technical Specifications

Loop Voltage	18V to 28 Volts
Loop Current	Quiescent : 0.6mA Alarm : 0.6mA
Local Zones	Number : 2 EOL Resistive : 8.2k Ω EOL Capacitive : 100uF in series with 22 Ω Detectors per zone : 20 Call Points per zone : unlimited
Alarm Circuit	Number : 2 Fused : 1 Amp per circuit End of Line : 10k Ω
Call Point Resistance	180 Ω or 330 Ω in Series
External Power Supply	EN54 pt. 4 1997 + A1:2002+ A2:2006

Software Compatibility/Min Version Number

Type	Panel			Commissioning Software		
	6100	6300	6400	6100	X300	X400
2APZA	V1.15	V4.94	V6.27	V2.004	V5.21	V4.24.0

Order Codes

Description	Order Code
Auxiliary Powered Dual Zone interface	6000/2APZA