



BENSAN

DISTRIBUTION



16 I/O

ADDRESSING SAFETY SYSTEMS
WITH INTELLIGENCE

16 I/O

16 Way Input and Output Interface

The Protec 16 I/O is an auxiliary powered input/output interface providing 6 independent inputs and outputs fully monitored for open and short circuits where all 16 channels can contribute to or respond to system wide cause and effect logic.

The flexibility of this interface is further enhanced by the fact that each input can be configured to a variety of input actions or respond to a variety of output types.

The interface is ideally suited for many applications such as the integration of external equipment to Protect Intelligent Addressable Systems.

There are 4 variants of the 16 way input boards (normally open, normally closed, fast response and PA) and 3 variants of the 6 way outputs (output monitored, output non monitored normally open and output monitored normally closed).

- Quick and simple to install (DIN Rail and Panel Mountable).
- Cost effective installation solution
- Extends I/O compatibility

The Protec 16 I/O is fully compliant and third party approved to the latest European Standards EN54 pt 17:2005 and pt 18 : 2005.

16 I/O Technical Specification

	16 Way Input	16 Way Output
Auxiliary supply	19V-29V	19V-29V
Current	24ma Quiescent	33ma Quiescent
	44mA peak alarm	310mA alarm all
Loop Current	12mA (peak)	N/A
16 Way Output	Total max. 5A, individual zone max. 3A, (3A(lhold),	
Zone Protection	6A (ltrip) at 23 degrees C)	
Order code:		
SF41-943-62	16 way Input Normally Open Interface	
SF41-944-63	16 way Input Normally Closed Interface	
SF41-964-67	16 way Input Normally Closed Fast response Interface	
SF40-178-39	16 way Input Normally Open PA Interface	
SF40-170-37	16 way Output Interface	

- Soft addressing
- Integral short circuit isolator
- Input/output monitored for open and short circuits
- Inputs and outputs are independently controlled by Protec intelligent addressable Fire Alarm Control panels

Protec
Protec Fire Detection Pty Ltd