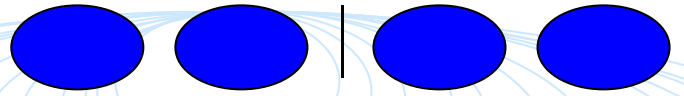
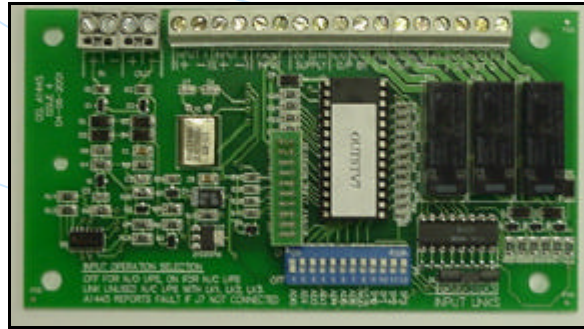


# A1445 Addressable Loop Interfaces



*Relay Interface Module  
For Apollo Protocol Analogue Addressable Control Panels*



## Key Features

- ◆ Ideal for use with all Control Equipment's Apollo protocol analogue addressable control panels
- ◆ 3 inputs, prioritised in the protocol
- ◆ 3 independently programmable relay outputs rated 8 Amps @ 30V DC
- ◆ Loop terminals with test probe locator
- ◆ Normally Open or Normally Closed input selection
- ◆ Selectable type code options
- ◆ The A1447 Zone Module Adaptor board fits to the motherboard to change two of the inputs to fully monitored circuits
- ◆ The highest quality of design, componentry and manufacture for outstanding durability
- ◆ Uses the latest manufacturing technology to ensure consistency and reliability of product supply

From the UK's leading control panel manufacturer





## Introduction

The Control Equipment range of loop interfaces are designed to allow remote monitoring of 3 voltage free contacts via the loop and communicate their status to the panel using analogue values.

The A1445 Relay Interface has 3 single pole change-over relay outputs and requires a 24V DC supply.

The A1445 can also be used as a zone monitor interfaces with the addition of the A1447 Zone Monitor Unit. This unit plugs onto the A1445 and provides monitoring on Inputs 1 & 2 for fire, fault and quiescent conditions, with Input 3 operating as an auxiliary fault input. The A1445/47 can also be used to provide remote switch monitoring with fault detection if the inputs being monitored are remote from the interface.

## Technical Specifications

<b>Supply Voltage:</b>	17-25V loop derived & from separate PSE
<b>Quiescent Current:</b>	1.0mA loop derived + 0.5mA per active output
<b>Local Power Supply Current:</b>	2.5mA + 10mA per activated relay
<b>Input Terminals:</b>	Loop connections, 3 inputs for voltage-free contacts, external power supply
<b>Analogue Values:</b>	64 - Input 1 operated 48 - Input 2 operated 4 - Fault Input operated or local fault 16 - Quiescent condition
<b>Outputs:</b>	3 sets of relay change-over contacts Identification: Bit 0 pole, N/O, N/C Bit 1 pole, N/O, N/C Bit 2 pole, N/O, N/C Rating: 8A @30V DC

## Part Numbers

<b>2500/237</b>	A1445 Relay Interface
<b>2500/247</b>	A1445 Relay Interface Boxed
<b>2500/250</b>	A1445/47 Relay Interface c/w Zone Monitor Unit Boxed
<b>2500/253</b>	A1445/47 Relay Interface & PSE Boxed
<b>2500/256</b>	A1445/47 Relay Interface c/w Zone Monitor Unit & PSE Boxed

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