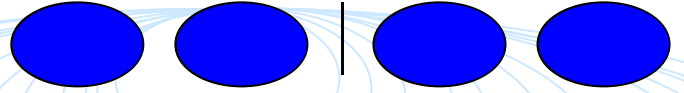
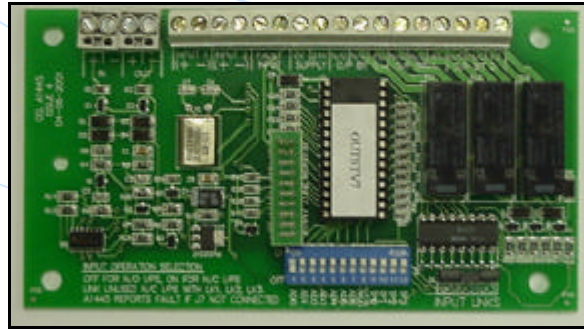


A1445 Addressable Loop Interfaces



*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

Supply Voltage:	17-25V loop derived & from separate PSE
Quiescent Current:	1.0mA loop derived + 0.5mA per active output
Local Power Supply Current:	2.5mA + 10mA per activated relay
Input Terminals:	Loop connections, 3 inputs for voltage-free contacts, external power supply
Analogue Values:	64 - Input 1 operated 48 - Input 2 operated 4 - Fault Input operated or local fault 16 - Quiescent condition
Outputs:	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

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

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Control Equipment Ltd, Hillcrest Business Park, Cinderbank, Dudley, West Midlands, DY2 9AP, United Kingdom

Phone: +44 (0)1384 458651 Fax: +44 (0)1384 458972
Email: celsales@controlequipment.co.uk Website: www.controlequipment.com

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