Product Data Sheet

IO955I
950 Series Output Unit with Isolator

General

The IO955I is a 950 series, addressable loop powered module that provides a voltage free, double pole, change-over relay output for the addressable fire panel loop. It is supplied with a back box for surface mounting, but without back box is also suitable for flush mounting. The IO955I is supplied with an integral loop isolator as standard.

Construction

The IO955I is designed to be surface mounted and cosists of 3 parts:
- a back box with knock-outs for cable entry
- a PCB assembly
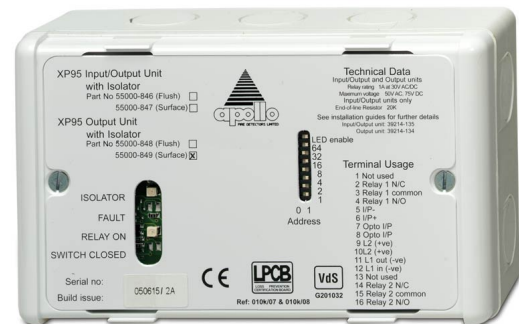- a protective front cover

Special Functions

The IO955I is fitted with a bi-directional, short-circuit isolator and is thus unaffected by a single short circuit on either loop input or output.

A red and yellow LED is visible through the front cover of the enclosure. The red LED indicates the status of the relay, whilst the yellow LED indicates the status of the isolator.

Approvals

The IO955I is EN54:17, EN54:18 and CPD certified.

Standard Features

- Aesthetically pleasing
- Loop powered
- Provides and addressable, double pole, change over relay contact
- Local LEDs signalling for output and fault conditions
- Bi-directional isolator fitted
- Part of a complete line of IO units

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Specifications

Supply voltage	17-28 VDC	
Protocol voltage	5-9 V	
Current consumption		
Switch on surge (160 ms)	4 mA	
Quiescent	500 microA	
Alarm (relay & LED ON)	1.8 mA	
Output		
Relay contact rating	1A @ 30 VAC/VDC	
On resistance	0.2 Ohm	
Environmental		
Operating temperature	-20°C to +70°C	
Relative humidity (non condencing)	0-95%	
Ingress protection	IP54	
Physical		
Dimensions	150 x 90 x 48 mm	
Material	White Polycarbonate	
Weight	240 g	

Ordering Information

Part No.	Description
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UTC Fire & Security

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