UTC Fire & Security
A United Technologies Company

Product Data Sheet

IO2014C
2000 Series Input Output Unit - 4 Inputs (CPD Approved)

General

The IO2014C is a 2000 series addressable 4 input unit with selectable line supervision. The unit is loop powered and supplied in an enclosure for surface mounting applications.

The 2000 series loop powered Input/Output modules are designed to provide unlimited applications to input monitoring and output switching. These modules combined with the powerful features of the 2000/1200 series fire panels gives the user total versatility for all applications.

Configuration

The IO2014C IO unit operates on a 2000/1200 series loop to monitor up to 4 independent input contacts. Every I/O module occupies only one address on the addressable loop regardless of the number of inputs or outputs on that module.

All 2000 series devices utilise an advanced digital data communications protocol with error correction algorithms to ensure system reliability. Up to 128 devices may be installed on every communication loop. Device addressing is via two convenient, easy to use, rotary switches.

Inputs

Any input may be wired as supervised or as unsupervised, normally open or normally closed contacts. The IO unit will report four states back to the panel for every input: Open, Passive, Active or Short circuit. Depending on the programming of the fire panel, actions can be taken for any one of these states.

Standard Features

- Wide range of I/O Modules : 2 input-1 output / 2 input-2 output / 4 input / 4 input - 4 output
- Versatile input structure
- Supervised inputs
- Normally Open/Normally Closed operation
- Loop powered
- Easy numeric addressing
- EN54 and CPD approved

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Specifications

Power supply

Operating voltage	17 - 39 VDC
Current (standby)	< 350 µA
Current (max)	420 µA

Electronics

Outputs (un supervised)	NA
Inputs (supervision selectable)	4
Operating modes	Normal, Active, Open, Short
EOL resistor (if required)	150 kO, ¼ W, 5%
Input resistor	33 kO, ¼ W, 5%

Housing

Size (l x w x h)	175 x 124 x 51 mm
Material	White plastic

Environmental

Storage temperature	-20°C to +60°C
Operating temperature	-5°C to +40°C
Relative humidity (non-condencing)	10 to 95%
IP rating	IP40

Installation

Wiring	2-core
Quantity (max)	128 per loop

Ordering Information

Part No.	Description
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