

# IO950NI

## Apollo IO Unit (SA4700-102)

### General

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IO950NI is the new input/output unit which provides supervision of one or more normally open contacts connected to a single pair of cables and a set of changeover relay output contacts.

### Mechanical Construction

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The IO950NI is available in the new faceplate style enclosure. It is designed to be surface mounted to the wall and consists of 3 parts:

- a back box with knock-outs for cable entry
- a PCB assembly
- a protective front cover

### Ease of Installation

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Improved design for ease of wiring meaning faster installation – unit can be fitted to back-box before wiring is connected. Colour coded terminal blocks for easier identification (green for loop wiring, yellow for mains wiring, grey for inputs and low voltage relays).



### Details

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- Improved design for ease of wiring meaning faster installation
- Loop powered
- Supervise one or more NO switches on a single cable pair
- Local LEDs signalling I/O and fault conditions
- Isolators within each device

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### Technical specifications

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#### Electrical

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Operating voltage	17 to 35 VDC
Protocol voltage	5-13V peak to peak

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#### Physical

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Physical dimensions	150 x 90 x 60 mm
Net weight	244 g

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#### Environmental

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Operating temperature	-40 to +70°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor

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#### Standards & regulation

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Certification	CPR, EN54-17, EN54-18
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#### Current consumption

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Power-up surge	0.9 mA
Quiescent	0.5 mA
LEDs disabled (max.)	0.5 mA
Alarm (LEDs On) (max.)	3.5 mA

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