



# IO954N

## Apollo Mains Switching IO Unit (SA4700-103)

### General

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IO954N is the new mains switching input/output unit which contains one or more normally open contacts connected to a single pair of cables. It also provides a voltage free change over relay output capable of switching mains.

### Mechanical Construction

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The IO954N 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
- Contains one or more NO contacts connected on a single pair of cables
- Local LEDs signalling I/O and fault conditions
- Isolators within each device

# IO954N

## Apollo Mains Switching IO Unit (SA4700-103)

### 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          | 301 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         | 1.1 mA |
| Quiescent              | 0.7 mA |
| LEDs disabled (max.)   | 0.7 mA |
| Alarm (LEDs On) (max.) | 5.2 mA |

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