IO954N

Apollo Mains Switching IO Unit (SA4700-103)

General

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

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

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

- 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

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Technical specifications

Electrical

Operating voltage	17 to 35 VDC 5 to 13 V peak to peak (Protocol voltage)
Current consumption	1.1 mA (Power-up surge) 0.7 mA (Quiescent) 0.7 mA max. (LEDs disabled) 5.2 mA max. (Alarm LEDs On)

Physical

Physical dimensions	150 x 90 x 60 mm
Net weight	301 g

Environmental

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

Regulatory

Certification	CPR, EN54-17, EN54-18

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